

Meteoroloogilised waatlused

Tartu Ülikooli Ilmade Observatooriumis

1918 aastal.

53-aastakäik.

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# Meteorologische Beobachtungen

angestellt in

**Dorpat**

( $\varphi = 58^{\circ} 22' 42''$ ,  $\lambda = 26^{\circ} 43' 18''$ ,  $H = 74,5$  M.)

im Jahre

**1918**

Dreiundfünfzigster Jahrgang.



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Buch- und Steindruckerei H. Laakmann.

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## Januar 1918 Jaanuar.

| Datum<br>Kuupäew | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |       |       |       |       |       |       |       |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h    | 7h    | 10h   | 13h   | 16h   | 19h   | 22h   |
| 1                | 59.6                              | 57.2 | 53.8 | 51.2 | 48.9 | 47.0 | 46.4 | 45.0 | -3.6                        | -4.3  | -5.6  | -4.7  | -3.8  | -2.9  | -4.6  | -5.6  |
| 2                | 44.3                              | 42.9 | 40.5 | 38.6 | 35.4 | 33.0 | 31.1 | 30.6 | -5.2                        | -5.6  | -5.8  | -5.6  | -5.0  | -5.6  | -6.1  | -6.9  |
| 3                | 30.4                              | 30.2 | 30.2 | 31.3 | 32.9 | 34.5 | 36.2 | 37.8 | -7.2                        | -6.5  | -5.8  | -7.0  | -8.4  | -9.5  | -10.3 | -11.0 |
| 4                | 39.1                              | 40.0 | 41.2 | 42.5 | 43.7 | 44.8 | 44.9 | 45.6 | -12.0                       | -12.3 | -12.4 | -12.6 | -11.9 | -12.8 | -14.9 | -17.0 |
| 5                | 45.1                              | 44.7 | 45.2 | 46.2 | 47.1 | 46.8 | 45.0 | 40.6 | -17.9                       | -18.8 | -19.8 | -21.9 | -19.0 | -18.9 | -18.3 | -15.9 |
| 6                | 33.4                              | 27.7 | 24.9 | 25.7 | 29.1 | 31.6 | 33.9 | 35.3 | -12.3                       | -8.6  | -4.6  | -5.1  | -9.2  | -11.5 | -12.8 | -15.4 |
| 7                | 36.9                              | 38.1 | 38.8 | 38.9 | 38.2 | 37.8 | 36.3 | 34.5 | -15.2                       | -14.1 | -14.1 | -14.4 | -14.3 | -14.9 | -15.2 | -15.6 |
| 8                | 32.3                              | 29.7 | 28.0 | 27.6 | 27.1 | 28.1 | 29.6 | 31.7 | -15.3                       | -15.1 | -14.1 | -11.7 | -3.2  | -2.4  | -3.4  | -4.4  |
| 9                | 33.9                              | 35.4 | 36.8 | 38.2 | 38.7 | 40.2 | 41.9 | 43.9 | -6.5                        | -7.9  | -8.0  | -8.7  | -8.2  | -11.9 | -14.8 | -16.0 |
| 10               | 45.9                              | 47.4 | 49.0 | 50.4 | 50.0 | 49.5 | 48.6 | 48.0 | -16.4                       | -18.2 | -17.4 | -17.9 | -18.3 | -19.1 | -21.6 | -15.3 |
| 11               | 46.4                              | 44.1 | 41.2 | 38.5 | 33.0 | 29.6 | 29.6 | 30.7 | -16.6                       | -19.8 | -22.1 | -19.3 | -14.1 | -11.8 | -8.5  | -9.0  |
| 12               | 31.5                              | 31.9 | 32.0 | 33.9 | 35.4 | 37.4 | 39.3 | 41.0 | -11.0                       | -11.2 | -10.0 | -15.3 | -18.8 | -15.5 | -13.0 | -13.9 |
| 13               | 43.1                              | 44.3 | 45.4 | 46.3 | 47.2 | 47.5 | 48.4 | 49.1 | -14.4                       | -15.6 | -18.3 | -19.0 | -15.8 | -15.7 | -16.8 | -15.8 |
| 14               | 49.1                              | 49.4 | 49.7 | 50.5 | 51.5 | 53.5 | 55.1 | 56.5 | -16.0                       | -15.5 | -15.0 | -14.9 | -14.9 | -16.8 | -18.7 | -21.0 |
| 15               | 57.2                              | 57.2 | 56.5 | 56.0 | 54.4 | 52.0 | 48.4 | 43.1 | -22.6                       | -24.2 | -22.4 | -19.0 | -14.2 | -13.2 | -11.4 | -9.1  |
| 16               | 35.3                              | 26.4 | 22.2 | 22.8 | 24.4 | 28.9 | 32.7 | 35.0 | -7.6                        | -5.0  | -1.0  | -2.4  | -3.3  | -6.6  | -8.4  | -10.6 |
| 17               | 37.0                              | 39.1 | 41.0 | 42.1 | 41.4 | 41.7 | 41.1 | 42.7 | -11.0                       | -11.5 | -12.2 | -12.3 | -10.9 | -12.1 | -12.0 | -11.4 |
| 18               | 46.9                              | 50.0 | 51.8 | 53.8 | 54.0 | 53.4 | 52.6 | 51.4 | -16.0                       | -14.5 | -14.0 | -13.0 | -10.0 | -9.0  | -8.6  | -7.7  |
| 19               | 48.8                              | 43.4 | 36.2 | 32.4 | 32.5 | 35.0 | 38.6 | 44.2 | -6.9                        | -6.4  | -6.0  | -1.7  | 0.8   | -1.4  | -3.5  | -4.5  |
| 20               | 48.1                              | 51.9 | 54.5 | 56.9 | 58.2 | 57.8 | 55.0 | 51.1 | -6.0                        | -7.1  | -9.3  | -8.7  | -6.9  | -6.7  | -6.6  | -5.4  |
| 21               | 49.7                              | 49.4 | 50.1 | 50.9 | 50.7 | 50.6 | 50.7 | 50.8 | -3.6                        | 0.1   | 0.8   | 1.9   | 2.1   | 2.3   | 2.6   | 2.8   |
| 22               | 51.1                              | 50.6 | 50.5 | 50.7 | 51.3 | 51.4 | 51.5 | 51.8 | 2.5                         | 2.2   | 1.2   | 0.7   | 0.5   | 0.5   | 0.5   | 0.5   |
| 23               | 52.4                              | 53.0 | 54.9 | 55.9 | 56.5 | 56.8 | 56.7 | 57.1 | 0.5                         | 0.7   | 0.8   | 0.9   | 1.1   | 1.2   | 1.3   | 1.5   |
| 24               | 57.6                              | 58.3 | 59.7 | 62.1 | 63.7 | 66.3 | 68.0 | 69.3 | 1.0                         | 0.0   | -2.1  | -4.0  | -4.8  | -7.9  | -10.4 | -12.6 |
| 25               | 69.6                              | 69.3 | 68.3 | 66.9 | 65.0 | 61.7 | 59.9 | 58.6 | -13.5                       | -14.6 | -13.0 | -3.9  | -0.6  | 0.9   | 1.7   | 2.4   |
| 26               | 58.6                              | 58.2 | 57.8 | 57.9 | 57.6 | 57.1 | 56.6 | 56.6 | 1.9                         | 1.7   | 1.5   | 1.5   | 1.8   | 1.5   | 1.4   | 1.5   |
| 27               | 56.5                              | 56.7 | 56.6 | 56.6 | 56.6 | 56.6 | 56.4 | 55.9 | 1.5                         | 1.4   | 1.4   | 1.0   | 1.8   | 1.3   | 1.1   | 1.4   |
| 28               | 55.7                              | 56.0 | 56.9 | 57.8 | 58.4 | 58.6 | 58.4 | 57.9 | 1.1                         | 1.3   | 1.6   | 1.6   | 1.2   | 1.0   | 0.5   | 0.6   |
| 29               | 56.9                              | 55.3 | 53.6 | 53.5 | 53.7 | 54.1 | 54.2 | 54.6 | 0.8                         | 0.9   | 1.1   | 1.4   | 1.6   | 1.4   | 1.4   | 1.2   |
| 30               | 55.9                              | 57.9 | 59.4 | 60.7 | 60.9 | 60.8 | 60.2 | 60.5 | 0.7                         | 0.1   | 0.2   | 0.2   | 0.5   | 0.4   | 0.6   | 0.8   |
| 31               | 61.0                              | 62.1 | 63.0 | 63.8 | 63.8 | 63.6 | 64.0 | 64.3 | 0.7                         | 0.5   | 0.4   | 0.8   | 1.2   | 0.9   | 0.7   | 0.3   |

## Ergänzende Beobachtungen um 21h.

|                | 1    | 2    | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck      | 45.6 | 30.8 | 37.1  | 45.3  | 42.0  | 34.7  | 35.4  | 30.9  | 42.7  | 48.1  | 30.3  | 40.5  | 48.6  | 56.1  | 45.0  |
| õhurõhumine    |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Temperatur     | -5.4 | -6.6 | -10.6 | -16.3 | -16.5 | -14.7 | -15.6 | -4.4  | -15.5 | -15.4 | -8.2  | -13.8 | -15.5 | -20.8 | -9.4  |
| temperatuur    |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Relat. Feucht. | 81   | 86   | 87    | 86    | 86    | 85    | 83    | 81    | 84    | 85    | 88    | 86    | 85    | 89    | 80    |
| relat. niiskus |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Bewölkung      | 1    | 7    | 10    | 0     | 8     | 2     | 10    | 10    | 0     | 0     | 9     | 10    | 9     | 0     | 10    |
| pilwitus       |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Tempe- (max.   | -2.2 | -4.8 | -5.8  | -10.4 | -10.5 | -2.5  | -14.1 | -1.0  | -4.3  | -15.4 | -7.7  | -8.0  | -13.8 | -14.0 | -9.4  |
| ratur (min.    | -6.2 | -7.0 | -10.6 | -16.4 | -21.9 | -16.5 | -16.3 | -16.0 | -15.5 | -21.7 | -22.4 | -19.4 | -19.1 | -21.0 | -25.2 |



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| Datum<br>Kuupäew | Relative Feuchtigkeith<br>relatiivne niiskus |    |    |     |     |     |     |     | Absolute Feuchtigkeith<br>absoluutne niiskus |     |     | Kompletive Feuchtigkeith<br>täisniiskuse puudus |     |     | Feuchtes Thermometer<br>määr termomeeter |        |        |
|------------------|--|----|----|-----|-----|-----|-----|-----|--|-----|-----|---|-----|-----|--|--------|--------|
|                  | 1h   | 4h | 7h | 10h | 13h | 16h | 19h | 22h | 7h   | 13h | 21h | 7h  | 13h | 21h | 7h                                       | 13h    | 21h    |
| 1                | 94   | 94 | 93 | 92  | 91  | 92  | 85  | 81  | 2.8  | 3.2 | 2.5 | 0.2   | 0.3 | 0.6 | — 5.9                                    | — 4.2  | — 6.2  |
| 2                | 79   | 83 | 81 | 88  | 88  | 88  | 87  | 86  | 2.4  | 2.8 | 2.4 | 0.6   | 0.4 | 0.4 | — 6.6                                    | — 5.5  | — 7.1  |
| 3                | 86   | 86 | 86 | 87  | 87  | 87  | 85  | 85  | 2.6  | 2.1 | 1.8 | 0.4   | 0.3 | 0.3 | — 6.4                                    | — 8.9  | — 11.1 |
| 4                | 85   | 88 | 85 | 81  | 76  | 78  | 85  | 85  | 1.5  | 1.4 | 1.1 | 0.3   | 0.4 | 0.2 | — 13.1                                   | — 12.6 | — 16.7 |
| 5                | 86   | 87 | 89 | 87  | 85  | 84  | 85  | 87  | 0.8  | 0.9 | 1.1 | 0.1   | 0.2 | 0.2 | — 20.0                                   | — 19.4 | — 16.9 |
| 6                | 88   | 89 | 88 | 82  | 80  | 79  | 82  | 87  | 2.9  | 1.8 | 1.3 | 0.4   | 0.5 | 0.2 | — 5.2                                    | — 10.0 | — 15.0 |
| 7                | 88   | 85 | 81 | 81  | 77  | 82  | 81  | 83  | 1.3  | 1.2 | 1.1 | 0.3   | 0.4 | 0.2 | — 14.6                                   | — 14.9 | — 16.0 |
| 8                | 83   | 85 | 87 | 88  | 90  | 80  | 76  | 77  | 1.4  | 3.3 | 2.7 | 0.2   | 0.4 | 0.6 | — 14.5                                   | — 3.7  | — 5.5  |
| 9                | 78   | 77 | 83 | 84  | 80  | 86  | 84  | 85  | 2.1  | 2.0 | 1.2 | 0.4   | 0.5 | 0.2 | — 8.7                                    | — 8.8  | — 15.9 |
| 10               | 84   | 84 | 84 | 85  | 85  | 83  | 83  | 84  | 1.0  | 0.9 | 1.2 | 0.2   | 0.2 | 0.2 | — 17.7                                   | — 18.6 | — 15.7 |
| 11               | 85   | 85 | 85 | 84  | 85  | 86  | 88  | 88  | 0.7  | 1.3 | 2.2 | 0.1   | 0.2 | 0.3 | — 22.3                                   | — 14.5 | — 8.7  |
| 12               | 85   | 86 | 88 | 88  | 88  | 89  | 90  | 87  | 1.9  | 0.9 | 1.4 | 0.3   | 0.1 | 0.2 | — 10.4                                   | — 19.0 | — 14.2 |
| 13               | 85   | 85 | 86 | 87  | 85  | 82  | 85  | 88  | 0.9  | 1.2 | 1.2 | 0.2   | 0.2 | 0.2 | — 18.5                                   | — 16.2 | — 15.8 |
| 14               | 89   | 88 | 88 | 90  | 90  | 90  | 90  | 89  | 1.3  | 1.3 | 0.8 | 0.2   | 0.2 | 0.1 | — 15.4                                   | — 15.2 | — 21.0 |
| 15               | 88   | 87 | 86 | 87  | 88  | 88  | 89  | 80  | 0.7  | 1.4 | 1.8 | 0.1   | 0.2 | 0.4 | — 22.6                                   | — 14.5 | — 10.0 |
| 16               | 88   | 85 | 88 | 88  | 88  | 85  | 84  | 83  | 3.7  | 3.2 | 1.8 | 0.5   | 0.4 | 0.3 | — 1.6                                    | — 3.8  | — 10.3 |
| 17               | 83   | 80 | 85 | 89  | 85  | 86  | 88  | 87  | 1.5  | 1.7 | 1.7 | 0.3   | 0.3 | 0.3 | — 12.8                                   | — 11.3 | — 11.3 |
| 18               | 85   | 86 | 87 | 87  | 87  | 85  | 85  | 87  | 1.4  | 1.9 | 2.2 | 0.2   | 0.3 | 0.4 | — 14.4                                   | — 10.4 | — 8.4  |
| 19               | 89   | 88 | 90 | 92  | 88  | 73  | 91  | 71  | 2.6  | 4.2 | 2.9 | 0.3   | 0.6 | 0.4 | — 6.4                                    | 0.1    | — 5.0  |
| 20               | 73   | 80 | 87 | 90  | 91  | 93  | 84  | 90  | 2.0  | 2.5 | 2.7 | 0.3   | 0.2 | 0.4 | — 9.6                                    | — 7.2  | — 6.0  |
| 21               | 90   | 90 | 91 | 90  | 90  | 90  | 82  | 78  | 4.4  | 4.8 | 4.5 | 0.4   | 0.5 | 1.0 | 0.3                                      | 1.5    | 1.5    |
| 22               | 83   | 85 | 88 | 89  | 91  | 91  | 92  | 91  | 4.4  | 4.3 | 4.4 | 0.6   | 0.4 | 0.4 | 0.5                                      | 0.0    | 0.2    |
| 23               | 91   | 92 | 93 | 93  | 93  | 93  | 93  | 91  | 4.5  | 4.6 | 4.6 | 0.3   | 0.3 | 0.4 | 0.4                                      | 0.7    | 0.9    |
| 24               | 91   | 92 | 91 | 88  | 86  | 75  | 75  | 78  | 3.6  | 2.8 | 1.4 | 0.4   | 0.4 | 0.4 | — 2.6                                    | — 5.7  | — 12.9 |
| 25               | 80   | 81 | 87 | 86  | 85  | 86  | 92  | 94  | 1.5  | 3.7 | 5.1 | 0.2   | 0.7 | 0.4 | — 13.5                                   | — 1.4  | 2.0    |
| 26               | 93   | 93 | 92 | 92  | 92  | 92  | 92  | 92  | 4.7  | 4.8 | 4.6 | 0.4   | 0.4 | 0.5 | 1.0                                      | 1.3    | 0.9    |
| 27               | 91   | 91 | 91 | 91  | 90  | 91  | 91  | 89  | 4.6  | 4.7 | 4.6 | 0.4   | 0.5 | 0.4 | 0.9                                      | 1.2    | 0.8    |
| 28               | 90   | 90 | 90 | 90  | 90  | 91  | 91  | 91  | 4.6  | 4.5 | 4.4 | 0.5   | 0.5 | 0.4 | 1.0                                      | 0.0    | 0.1    |
| 29               | 91   | 91 | 91 | 90  | 90  | 91  | 90  | 90  | 4.5  | 4.6 | 4.6 | 0.4   | 0.5 | 0.4 | 0.6                                      | 1.0    | 0.7    |
| 30               | 90   | 91 | 91 | 91  | 92  | 91  | 92  | 92  | 4.2  | 4.4 | 4.4 | 0.4   | 0.4 | 0.4 | — 0.4                                    | 0.0    | 0.4    |
| 31               | 92   | 92 | 93 | 92  | 91  | 92  | 93  | 94  | 4.4  | 4.6 | 4.4 | 0.3   | 0.4 | 0.3 | 0.0                                      | 0.7    | 0.0    |

Täiendawad waatlused kell 21.

| 16    | 17    | 18    | 19   | 20   | 21   | 22   | 23   | 24    | 25    | 26   | 27   | 28   | 29   | 30   | 31   | Mittel<br>keskm. |
|-------|-------|-------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|------------------|
| 34.2  | 41.6  | 52.0  | 42.8 | 52.7 | 50.8 | 51.8 | 56.9 | 69.1  | 59.0  | 56.5 | 56.0 | 58.3 | 54.4 | 60.3 | 65.1 | 47.57            |
| -9.9  | -10.9 | -7.8  | -4.4 | -5.5 | 2.7  | 0.7  | 1.4  | -12.2 | 2.4   | 1.5  | 1.3  | 0.6  | 1.2  | 0.9  | 0.4  | -7.30            |
| 85    | 87    | 86    | 87   | 88   | 81   | 91   | 91   | 78    | 94    | 90   | 91   | 91   | 91   | 91   | 94   | 87               |
| 10    | 10    | 10    | 4    | 10   | 9    | 10   | 10   | 0     | 10    | 10   | 10   | 10   | 10   | 10   | 10   | 7.4              |
| -1.0  | -9.8  | -7.8  | 0.8  | -4.4 | 3.4  | 3.3  | 2.0  | 1.4   | 2.2   | 2.2  | 2.0  | 1.6  | 1.6  | 1.2  | 1.3  | -3.98            |
| -10.1 | -12.8 | -16.8 | -8.3 | -9.7 | -5.8 | -0.2 | 0.0  | -12.6 | -16.8 | 1.0  | 0.2  | 0.0  | 0.1  | -0.6 | 0.0  | -11.21           |



T a g e s m i t t e l

|                                   | 1     | 2     | 3     | 4      | 5      | 6     | 7      | 8     | 9      | 10     | 11     | 12     | 13     | 14     | 15     |
|-----------------------------------|-------|-------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| Luftdruck<br>õhurõhumine          | 51.14 | 37.05 | 32.94 | 42.72  | 45.09  | 30.20 | 37.44  | 29.26 | 38.60  | 48.60  | 36.64  | 35.30  | 46.41  | 51.91  | 53.10  |
| Temperatuur<br>temperatuur        | -4.39 | -5.72 | -8.21 | -13.24 | -18.81 | -9.94 | -14.72 | -8.70 | -10.22 | -18.02 | -15.15 | -13.59 | -16.42 | -16.60 | -17.01 |
| Relat. Feucht.<br>relat. niiskus  | 90    | 85    | 86    | 83     | 86     | 84    | 82     | 83    | 82     | 84     | 86     | 88     | 85     | 89     | 87     |
| Absol. Feucht.<br>absol. niiskus  | 2.81  | 2.53  | 2.17  | 1.33   | 0.93   | 2.00  | 1.20   | 2.47  | 1.77   | 1.03   | 1.40   | 1.40   | 1.10   | 1.13   | 1.30   |
| Kompl. Feucht.<br>täielik pöödsus | 0.37  | 0.47  | 0.33  | 0.30   | 0.17   | 0.37  | 0.30   | 0.40  | 0.37   | 0.20   | 0.20   | 0.20   | 0.20   | 0.17   | 0.23   |

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| n e n t e n m/sek. O s ä t u u l e d. |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |
|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 10h                                   |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |      |      |
| N                                     | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S    | W    |
| —                                     | —   | 2.4 | 2.4 | —   | —   | 2.4 | 2.9 | —   | —   | 1.1 | 2.5 | —   | —   | 0.6 | 2.4 | —   | —   | 0.6  | 2.8  |
| —                                     | —   | 0.5 | 0.2 | —   | 1.3 | 0.3 | —   | 0.2 | 1.9 | 0.1 | —   | 1.2 | 2.0 | —   | —   | 2.1 | 1.7 | —    | —    |
| 5.0                                   | 1.1 | —   | 0.6 | 4.6 | 0.7 | —   | 1.3 | 3.9 | 0.1 | —   | 2.4 | 3.4 | —   | —   | 2.0 | 3.8 | —   | —    | 3.5  |
| 2.0                                   | —   | —   | 3.2 | 2.2 | —   | —   | 2.9 | 0.9 | —   | —   | 2.2 | —   | —   | 0.1 | 2.1 | —   | —   | 0.2  | 2.3  |
| —                                     | 0.4 | 0.4 | —   | —   | 0.7 | 0.4 | —   | —   | 0.5 | 0.9 | —   | —   | 1.0 | 2.1 | —   | —   | 0.8 | 4.1  | 0.1  |
| 0.7                                   | —   | 0.8 | 7.0 | 1.6 | —   | 0.2 | 6.4 | 1.2 | —   | —   | 5.1 | 0.8 | —   | —   | 3.6 | 0.2 | —   | —    | 2.9  |
| 0.4                                   | 1.0 | —   | —   | 0.6 | 2.0 | —   | —   | 0.3 | 3.9 | 0.3 | —   | 0.4 | 4.2 | 0.3 | —   | 0.7 | 5.2 | 0.2  | —    |
| —                                     | 2.9 | 0.7 | —   | —   | 0.4 | 2.3 | 1.5 | —   | —   | 3.0 | 2.6 | —   | —   | 3.7 | 4.7 | —   | —   | 4.2  | 4.8  |
| —                                     | —   | 0.5 | 1.4 | —   | —   | 0.4 | 1.8 | —   | —   | 0.2 | 2.6 | —   | —   | 0.7 | 2.9 | —   | —   | 0.2  | 2.0  |
| —                                     | 0.3 | 0.5 | 1.7 | —   | 0.3 | 0.8 | 0.1 | —   | 0.6 | 2.1 | —   | —   | 0.6 | 2.0 | —   | —   | 0.6 | 2.3  | —    |
| —                                     | 4.6 | 1.9 | —   | —   | 4.5 | 1.8 | —   | —   | 2.5 | 2.2 | 0.7 | 0.1 | 0.2 | 2.6 | 1.0 | —   | —   | 1.6  | 1.1  |
| 0.1                                   | —   | 0.3 | 3.2 | —   | —   | 0.8 | 3.2 | —   | —   | 0.3 | 2.8 | 0.5 | —   | —   | 2.4 | 0.3 | —   | 0.1  | 3.7  |
| —                                     | —   | 1.0 | 2.4 | —   | —   | 0.8 | 2.3 | —   | —   | 0.8 | 1.7 | —   | —   | 0.4 | 0.4 | —   | —   | 0.6  | —    |
| —                                     | 0.6 | 0.3 | —   | 0.4 | 0.5 | —   | —   | 0.8 | 0.2 | —   | —   | 0.3 | 0.3 | —   | —   | —   | —   | 0.19 | 0.40 |
| —                                     | 0.1 | 1.2 | —   | —   | 0.5 | 2.4 | 0.1 | —   | 0.8 | 4.0 | 0.1 | —   | 0.6 | 6.0 | 0.6 | —   | 1.8 | 6.6  | 0.2  |
| —                                     | —   | 3.6 | 6.0 | 0.2 | —   | 2.4 | 7.3 | 1.0 | —   | 0.6 | 7.2 | 1.1 | —   | —   | 4.5 | 0.9 | —   | —    | 3.5  |
| —                                     | —   | 0.2 | 0.5 | —   | 0.6 | —   | —   | —   | 1.5 | 0.5 | —   | —   | 2.3 | 0.3 | —   | 2.1 | 1.1 | —    | 0.3  |
| —                                     | —   | 1.0 | 1.4 | —   | —   | 1.9 | 0.7 | —   | 0.2 | 2.4 | 0.1 | —   | 0.3 | 3.3 | 0.2 | —   | 0.5 | 2.0  | —    |
| —                                     | 0.2 | 3.9 | 3.2 | —   | —   | 3.2 | 6.9 | 0.3 | —   | 1.6 | 7.6 | 0.6 | —   | 1.0 | 8.9 | 1.0 | —   | 0.2  | 8.4  |
| —                                     | —   | 0.8 | 2.3 | —   | —   | 1.1 | 2.4 | —   | 0.7 | 0.7 | 0.1 | —   | 1.4 | 1.9 | —   | —   | 2.3 | 2.8  | —    |
| —                                     | —   | 0.8 | 1.3 | —   | —   | 1.1 | 1.4 | —   | —   | 0.6 | 1.0 | —   | —   | 1.0 | 1.3 | —   | —   | 0.9  | 1.9  |
| —                                     | —   | 0.3 | 1.9 | —   | —   | 0.4 | 1.2 | —   | —   | 1.0 | 0.4 | —   | —   | 0.7 | —   | —   | —   | 0.2  | 0.6  |
| —                                     | —   | 1.3 | 1.7 | —   | —   | 1.2 | 1.1 | —   | —   | 1.3 | 1.4 | —   | —   | 1.6 | 1.6 | —   | —   | 1.8  | 1.6  |
| 3.7                                   | 2.4 | —   | —   | 3.2 | 2.1 | —   | —   | 2.2 | 1.5 | —   | —   | 1.7 | 1.1 | —   | —   | 1.4 | 0.8 | —    | —    |
| —                                     | —   | 1.7 | 1.1 | —   | —   | 3.1 | 1.8 | —   | —   | 3.5 | 3.5 | —   | —   | 3.3 | 4.4 | —   | —   | 2.2  | 4.9  |
| —                                     | —   | 1.0 | 3.5 | —   | —   | 1.6 | 4.0 | —   | —   | 1.5 | 3.9 | —   | —   | 1.1 | 3.0 | —   | —   | 0.6  | 2.5  |
| —                                     | —   | 0.8 | 4.4 | —   | —   | 1.1 | 3.7 | 0.2 | —   | 1.1 | 5.6 | 0.2 | —   | 1.5 | 5.6 | 0.2 | —   | 1.6  | 5.3  |
| 0.2                                   | —   | 1.2 | 5.7 | 0.2 | —   | 1.3 | 6.4 | 0.2 | —   | 1.0 | 5.2 | 0.2 | —   | 1.1 | 5.5 | 0.1 | —   | 1.2  | 4.6  |
| 0.6                                   | —   | 0.5 | 5.7 | 0.5 | —   | 0.5 | 5.2 | 0.3 | —   | 0.6 | 4.9 | 0.3 | —   | 0.9 | 5.7 | 0.4 | —   | 0.7  | 5.4  |
| —                                     | —   | 0.4 | 2.4 | —   | —   | 0.9 | 2.2 | —   | —   | 0.8 | 1.1 | —   | —   | 1.3 | 2.0 | —   | —   | 0.5  | 2.8  |
| —                                     | —   | 0.5 | 2.9 | 0.2 | —   | 1.0 | 4.9 | 0.2 | —   | 1.5 | 5.5 | 0.3 | —   | 1.0 | 5.4 | 0.3 | —   | 0.7  | 4.8  |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17     | 18     | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | Mittel<br>keskm. |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| 28.46 | 40.76  | 51.74  | 38.89 | 54.19 | 50.36 | 51.11 | 55.41 | 63.12 | 64.91 | 57.55 | 56.49 | 57.46 | 54.49 | 59.54 | 63.20 | 47.23            |
| -5.61 | -11.68 | -11.60 | -3.70 | -7.09 | 1.12  | 1.08  | 1.00  | -5.10 | -5.08 | 1.60  | 1.36  | 1.11  | 1.22  | 0.44  | 0.69  | -7.45            |
| 86    | 85     | 86     | 85    | 86    | 88    | 89    | 92    | 84    | 86    | 92    | 91    | 90    | 90    | 91    | 92    | 87               |
| 2.90  | 1.63   | 1.83   | 3.23  | 2.40  | 4.57  | 4.37  | 4.57  | 2.60  | 3.43  | 4.70  | 4.63  | 4.50  | 4.57  | 4.33  | 4.47  | 2.69             |
| 0.40  | 0.30   | 0.30   | 0.43  | 0.30  | 0.63  | 0.47  | 0.33  | 0.40  | 0.43  | 0.43  | 0.43  | 0.47  | 0.43  | 0.40  | 0.33  | 0.35             |

## Januar 1918 Jaanuar.

| Bewölkung Pilwitus |  |     |     |     |     |     |                 |               |           |         |          |      |     |
|--------------------|--|-----|-----|-----|-----|-----|-----------------|---------------|-----------|---------|----------|------|-----|
| Datum<br>Kuupäew   | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |               |           |         |          |      |     |
|                    | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h           | 13h       | 16h     | 19h      | 21h  | 22h |
|                    |  |     |     |     |     |     |                 |               |           |         |          |      |     |
| 1                  | 10   | 10  | 10  | 5   | 2   | 1   | St              | St            | Nb        | FrNb    | Cu, FrCu | FrCu | St  |
| 2                  | 10   | 10  | 10  | 10  | 7   | 10  | St              | Nb            | Nb        | Nb      | Nb       | Nb   | Nb  |
| 3                  | 9  | 10  | 10  | 10  | 10  | 10  | St              | Nb            | Nb        | Nb      | Nb       | Nb   | Nb  |
| 4                  | 8  | 9   | 10  | 10  | 0   | 0   | St, Cis         | St, CiS       | St        | —       | —        | —    | —   |
| 5                  | 2  | 3   | 2   | 8   | 10  | 3   | Cis, St         | ⊙AS           | ⊙As       | AS      | AS       | St   | St  |
| 6                  | 8  | 3   | 10  | 10  | 9   | 0   | SCu             | ⊙FrCu, Nb     | Nb, CuNb  | Nb, SCu | SCu      | AS   | —   |
| 7                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | CiS, St       | CiS       | AS      | St       | Nb   | Nb  |
| 8                  | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | FrCu, St      | Nb        | Nb      | St       | Nb   | St  |
| 9                  | 10   | 10  | 10  | 10  | 4   | 0   | St              | Nb            | Nb        | Nb      | FrNb     | —    | —   |
| 10                 | 10   | 10  | 0   | 0   | 0   | 0   | St              | SCu, Nb       | ⊙—        | —       | —        | —    | —   |
| 11                 | 9  | 10  | 10  | 10  | 10  | 10  | SCu             | St            | Nb        | Nb      | Nb       | Nb   | St  |
| 12                 | 10   | 4   | 2   | 10  | 10  | 10  | Nb              | ACu           | ⊙ACu      | SCu, Nb | SCu      | SCu  | St  |
| 13                 | 0  | 0   | 0   | 0   | 0   | 10  | —               | ⊙—            | ⊙—        | —       | —        | CiS  | St  |
| 14                 | 10   | 10  | 3   | 3   | 0   | 0   | St              | Nb            | ⊙ACu      | ACu     | —        | —    | —   |
| 15                 | 0  | 10  | 10  | 10  | 10  | 10  | —               | Ci, CiS       | CiS, AS   | AS      | Nb       | Nb   | Nb  |
| 16                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb            | Nb        | SCu     | SCu      | Nb   | Nb  |
| 17                 | 10   | 10  | 8   | 9   | 10  | 10  | AS              | AS            | CiS       | CiS, Nb | AS, Nb   | Nb   | Nb  |
| 18                 | 9  | 10  | 9   | 10  | 10  | 10  | SCu             | SCu           | Nb        | Nb      | SCu      | SCu  | Nb  |
| 19                 | 10   | 10  | 10  | 10  | 10  | 2   | Nb              | Nb            | St        | Nb      | Nb       | SCu  | SCu |
| 20                 | 0  | 7   | 10  | 10  | 10  | 10  | —               | CiS, Ci, CiCu | CiS, St   | AS      | AS       | Nb   | Nb  |
| 21                 | 10   | 10  | 10  | 10  | 10  | 8   | ≡               | Nb, ≡         | Nb, ≡     | AS      | AS       | ACu  | ACu |
| 22                 | 5  | 8   | 10  | 10  | 10  | 10  | ACu             | ACu           | AS        | AS, ≡   | AS       | ACu  | ACu |
| 23                 | 10   | 10  | 10  | 10  | 9   | 10  | ≡               | ≡             | St, ≡     | Nb      | ACu      | ACu  | ACu |
| 24                 | 10   | 10  | 8   | 1   | 0   | 0   | AS              | AS            | CiS, FrCu | CiS     | —        | —    | —   |
| 25                 | 10   | 10  | 10  | 10  | 10  | 10  | SCu             | AS            | AS        | AS      | Nb       | AS   | St  |
| 26                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | St            | St        | St, ≡   | St       | Nb   | Nb  |
| 27                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | St            | St, ≡     | St      | St       | SCu  | SCu |
| 28                 | 10   | 10  | 10  | 10  | 10  | 10  | SCu             | St            | St        | St      | St       | St   | St  |
| 29                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | St            | St        | St      | St       | SCu  | St  |
| 30                 | 10   | 10  | 10  | 10  | 10  | 10  | SCu             | St            | St        | St      | St       | Nb   | Nb  |
| 31                 | 10   | 10  | 10  | 10  | 10  | 10  | ≡               | ≡             | St, ≡     | St      | St       | St   | St  |

## Stundenmittel Kellaaegsed

| Stunde<br>kell  | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>g <sup>0</sup> | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|-----------------|------------------------------|------|------|------|-------|-------|------------------------------------|-----------------------------------|---|
|                 | N                            | E    | S    | W    | N—S   | E—W   |                                    |                                   |   |
| 1               | 0.42                         | 0.42 | 1.14 | 2.02 | —0.72 | —1.60 | 246                                | 1.75                              | 3.53                                    |
| 4               | 0.30                         | 0.43 | 0.96 | 2.02 | —0.65 | —1.59 | 248                                | 1.72                              | 3.20                                    |
| 7               | 0.35                         | 0.50 | 0.91 | 1.98 | —0.55 | —1.48 | 250                                | 1.58                              | 3.28                                    |
| 10              | 0.41                         | 0.44 | 0.92 | 2.13 | —0.51 | —1.69 | 253                                | 1.77                              | 3.35                                    |
| 13              | 0.44                         | 0.44 | 1.08 | 2.31 | —0.64 | —1.87 | 251                                | 1.98                              | 3.71                                    |
| 16              | 0.38                         | 0.46 | 1.09 | 2.26 | —0.71 | —1.80 | 248                                | 1.94                              | 3.58                                    |
| 19              | 0.36                         | 0.45 | 1.24 | 2.26 | —0.88 | —1.81 | 244                                | 2.02                              | 3.74                                    |
| 22              | 0.44                         | 0.48 | 1.16 | 2.26 | —0.73 | —1.78 | 248                                | 1.92                              | 3.74                                    |
| Mittel<br>keskm | 0.39                         | 0.45 | 1.06 | 2.16 | —0.67 | —1.70 | 248                                | 1.83                              | 3.52                                    |



# Januar 1918 Jaanuar.

| Datum<br>Kuupäev | Niederschläge<br>Sademed |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d   |      |
|------------------|--------------------------|--------|-------------------------------------|--|--|------|
|                  | mm.                      |        |                                     |  | cm.  |      |
|                  | 7h—21h                   | 21h—7h |                                     |  |  |      |
| 1                | 0.2                      | 0.0    | 0.0                                 |  | * 12 <sup>b</sup> —13 <sup>b</sup> ; * <sup>0</sup> p, n.  | ✖ 7  |
| 2                | 2.1                      | 0.8    | 0.0                                 |  | * 9 <sup>b</sup> 40 <sup>m</sup> —18 <sup>a</sup> ; 21 <sup>b</sup> —n; † p, n.  | ✖ 7  |
| 3                | 1.6                      | 0.6    | 0.0                                 |  | * a, p, n; † a, p.   | ✖ 8  |
| 4                | —                        | —      | 0.1                                 |  |  | ✖ 8  |
| 5                | —                        | 0.5    | 0.0                                 | e.   | * n.   | ✖ 7  |
| 6                | 0.6                      | —      | 0.0                                 | t  | * 10 <sup>b</sup> 5 <sup>m</sup> —15 <sup>m</sup> , 12 <sup>b</sup> —13 <sup>b</sup> ; * <sup>0</sup> 13 <sup>b</sup> —17 <sup>b</sup> . | ✖ 7  |
| 7                | 0.4                      | 2.6    | 0.0                                 | a  | * p, n; † n.   | ✖ 7  |
| 8                | 0.2                      | 0.3    | 0.0                                 |  | * <sup>0</sup> 7 <sup>b</sup> —8 <sup>b</sup> , 13 <sup>a</sup> —16 <sup>a</sup> ; * 12 <sup>b</sup> —13 <sup>b</sup> , n.               | ✖ 7  |
| 9                | 0.5                      | 0.2    | 0.0                                 | k  | * 8 <sup>b</sup> —18 <sup>b</sup> , n.   | ✖ 7  |
| 10               | 0.1                      | —      | 0.1                                 | ä  | * a.   | ✖ 7  |
| 11               | 2.3                      | 1.0    | 0.0                                 |  | * a, p, n; † a, p.   | ✖ 7  |
| 12               | 0.5                      | —      | 0.0                                 | J  | * a, p.  | ✖ 12 |
| 13               | —                        | —      | 0.1                                 |  |  | ✖ 9  |
| 14               | 2.2                      | 0.0    | 0.0                                 |  | * <sup>2</sup> 9 <sup>a</sup> 50 <sup>m</sup> —10 <sup>b</sup> 30 <sup>m</sup> ; V p, n.   | ✖ 10 |
| 15               | 0.0                      | 0.7    | 0.0                                 |  | * <sup>0</sup> , † p; * n.   | ✖ 12 |
| 16               | 0.2                      | 0.2    | 0.1                                 |  | * mit Unterbrechungen —n; † a.   | ✖ 6  |
| 17               | 1.0                      | 0.0    | 0.0                                 |  | * p; * <sup>0</sup> n.   | ✖ 6  |
| 18               | 0.1                      | 0.9    | 0.0                                 | e.   | * <sup>0</sup> 13 <sup>b</sup> —16 <sup>a</sup> ; *, † n.  | ✖ 7  |
| 19               | 2.5                      | —      | 0.2                                 | k  | *, † 7 <sup>b</sup> —9 <sup>a</sup> ; 18 <sup>b</sup> 30 <sup>m</sup> —20 <sup>b</sup> .   | ✖ 10 |
| 20               | 0.8                      | 2.4    | 0.0                                 |  | ≡ p, n; * 20 <sup>b</sup> —n.  | ✖ 9  |
| 21               | 0.4                      | —      | 0.1                                 | c  | ≡ 7 <sup>b</sup> ; * a.  | ✖ 8  |
| 22               | 0.1                      | —      | 0.1                                 | e  | * p.   | ✖ 6  |
| 23               | 0.1                      | 4.2    | 0.1                                 | d  | ≡ —13 <sup>b</sup> ; ● <sup>0</sup> 13 <sup>a</sup> 30 <sup>m</sup> —17 <sup>a</sup> 30 <sup>m</sup> ; * n.                              | ✖ 4  |
| 24               | 2.0                      | —      | 0.3                                 |  | * —8 <sup>b</sup> .  | ✖ 4  |
| 25               | 0.2                      | 0.3    | 0.0                                 | s  | ● p, n.  | ✖ 6  |
| 26               | 0.4                      | 0.5    | 0.0                                 | i  | ● a, p, n; ≡ p.  | ✖ 2  |
| 27               | 0.2                      | 0.1    | 0.1                                 |  | ● a, p, n; ≡ a, p.   | ✖ 2  |
| 28               | 0.0                      | 0.2    | 0.0                                 | E  | ● <sup>0</sup> p; ● n.   | ✖ 2  |
| 29               | 0.0                      | —      | 0.2                                 |  | ● <sup>0</sup> a.  | ✖ 2  |
| 30               | 0.2                      | 1.2    | 0.1                                 |  | ● p, n; ≡ n.   | ✖ 2  |
| 31               | 0.1                      | —      | 0.0                                 |  | ≡ a, n; ● <sup>0</sup> a.  | ✖ 2  |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 47.40                         | —7.94                               | 86                                     | —                          | 1                |
| 47.03                         | —8.00                               | 87                                     | —                          | 4                |
| 46.76                         | —7.87                               | 88                                     | 8.4                        | 7                |
| 47.12                         | —7.52                               | 88                                     | 8.8                        | 10               |
| 47.14                         | —6.55                               | 87                                     | 8.5                        | 13               |
| 47.35                         | —6.92                               | 86                                     | 8.6                        | 16               |
| 47.46                         | —7.36                               | 87                                     | 7.8                        | 19               |
| 47.58                         | —7.45                               | 86                                     | 7.2                        | 22               |
| 47.23                         | —7.45                               | 87                                     | 8.2                        | Mittel<br>keskm. |

# Februar 1918 Weebruar.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatuur (C°) temperatuur |       |       |       |       |       |       |       |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------------------------------|-------|-------|-------|-------|-------|-------|-------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                           | 4h    | 7h    | 10h   | 13h   | 16h   | 19h   | 22h   |
| 1                | 65.5                              | 65.7 | 66.0 | 66.4 | 65.5 | 64.5 | 64.6 | 65.7 | 0.1                          | -0.1  | -0.2  | -0.3  | 0.2   | 0.4   | -0.2  | -0.3  |
| 2                | 66.5                              | 67.5 | 68.4 | 69.2 | 69.5 | 69.6 | 69.5 | 68.7 | -0.2                         | -0.8  | -1.0  | -1.2  | 1.3   | 0.8   | 0.0   | 0.2   |
| 3                | 68.4                              | 67.4 | 66.4 | 65.0 | 63.9 | 62.6 | 61.9 | 61.5 | 0.2                          | 0.2   | 0.4   | 0.6   | 2.4   | 1.0   | 0.2   | -0.4  |
| 4                | 61.8                              | 62.0 | 62.8 | 63.7 | 64.3 | 64.6 | 64.9 | 64.7 | -0.9                         | -0.8  | -0.8  | -1.0  | -0.7  | -1.0  | -1.4  | -1.5  |
| 5                | 64.4                              | 63.4 | 62.7 | 62.4 | 62.3 | 61.6 | 61.2 | 60.9 | -1.4                         | -2.1  | -2.0  | -2.4  | -3.4  | -2.6  | -2.0  | -0.8  |
| 6                | 60.6                              | 60.4 | 60.1 | 60.1 | 58.6 | 57.8 | 56.2 | 54.3 | -0.5                         | -0.1  | 0.0   | -0.3  | -0.6  | -0.7  | -1.2  | -2.3  |
| 7                | 53.3                              | 51.9 | 50.6 | 48.9 | 46.8 | 44.4 | 42.3 | 41.3 | -3.6                         | -4.8  | -4.0  | -3.4  | -2.4  | -1.0  | -0.4  | 0.0   |
| 8                | 41.1                              | 41.5 | 43.4 | 45.4 | 47.0 | 48.6 | 49.1 | 48.1 | 0.1                          | 0.2   | 0.3   | 0.4   | 0.6   | -0.9  | -1.2  | -1.0  |
| 9                | 45.5                              | 40.8 | 39.6 | 41.1 | 43.5 | 46.6 | 49.1 | 50.3 | -0.8                         | 0.0   | 1.0   | 0.9   | 0.2   | -1.6  | -3.0  | -3.8  |
| 10               | 50.5                              | 50.4 | 49.6 | 47.4 | 44.0 | 40.7 | 39.5 | 37.6 | -2.7                         | -0.1  | 1.1   | 0.9   | 0.7   | 0.9   | 1.5   | 1.0   |
| 11               | 37.6                              | 38.7 | 40.3 | 43.1 | 44.9 | 46.0 | 47.4 | 47.8 | 0.4                          | 0.0   | -1.6  | -4.7  | -7.5  | -9.1  | -10.0 | -10.5 |
| 12               | 48.2                              | 48.3 | 49.0 | 49.8 | 51.3 | 52.3 | 53.2 | 53.4 | -10.2                        | -10.0 | -9.8  | -9.4  | -9.3  | -9.2  | -9.2  | -9.1  |
| 13               | 53.4                              | 52.5 | 51.2 | 51.0 | 51.2 | 51.3 | 51.5 | 52.4 | -8.6                         | -7.0  | -4.6  | -2.1  | -2.4  | -3.4  | -3.4  | -4.6  |
| 14               | 52.6                              | 52.7 | 53.2 | 54.4 | 55.8 | 57.8 | 60.7 | 63.2 | -5.4                         | -5.8  | -5.7  | -6.6  | -8.4  | -9.7  | -11.3 | -12.0 |
| 15               | 64.9                              | 66.2 | 68.3 | 70.6 | 71.7 | 72.5 | 72.9 | 73.1 | -12.8                        | -10.9 | -11.8 | -12.9 | -11.2 | -11.4 | -13.1 | -14.6 |
| 16               | 73.1                              | 72.7 | 72.0 | 71.6 | 70.8 | 70.2 | 70.0 | 69.7 | -14.8                        | -14.4 | -14.0 | -10.1 | -5.4  | -4.1  | -3.5  | -2.9  |
| 17               | 69.4                              | 69.4 | 69.2 | 69.6 | 69.9 | 70.1 | 70.1 | 70.6 | -3.1                         | -3.1  | -3.0  | -2.5  | -1.7  | -1.7  | -2.2  | -2.5  |
| 18               | 71.0                              | 71.6 | 72.3 | 72.9 | 72.6 | 71.4 | 70.8 | 70.6 | -2.9                         | -3.4  | -3.8  | -4.0  | -5.2  | -6.1  | -7.6  | -9.3  |
| 19               | 70.0                              | 69.9 | 70.0 | 69.8 | 68.6 | 67.6 | 67.2 | 66.1 | -10.8                        | -12.7 | -13.8 | -12.9 | -9.6  | -9.8  | -10.8 | -10.7 |
| 20               | 65.7                              | 65.0 | 64.6 | 64.7 | 64.5 | 64.7 | 65.3 | 65.6 | -12.6                        | -12.9 | -13.8 | -14.5 | -10.6 | -11.5 | -13.5 | -15.2 |
| 21               | 65.0                              | 64.3 | 63.0 | 61.6 | 59.4 | 57.8 | 56.4 | 55.0 | -15.9                        | -16.2 | -15.2 | -14.7 | -12.8 | -12.3 | -14.4 | -15.4 |
| 22               | 53.7                              | 52.2 | 52.0 | 51.9 | 51.3 | 51.1 | 51.0 | 50.8 | -14.7                        | -14.6 | -13.3 | -13.2 | -11.1 | -10.7 | -13.0 | -15.7 |
| 23               | 50.1                              | 49.6 | 49.4 | 49.2 | 49.1 | 49.9 | 51.3 | 53.0 | -16.5                        | -15.5 | -13.2 | -12.3 | -11.0 | -10.1 | -10.4 | -9.5  |
| 24               | 53.6                              | 54.0 | 53.9 | 53.3 | 51.3 | 49.8 | 49.0 | 49.0 | -9.0                         | -9.4  | -10.5 | -7.6  | -4.5  | -3.2  | -3.0  | -2.5  |
| 25               | 49.5                              | 50.3 | 51.7 | 52.6 | 52.7 | 52.8 | 53.7 | 53.7 | -3.2                         | -5.0  | -7.4  | -6.5  | -2.7  | -3.1  | -5.5  | -6.9  |
| 26               | 53.6                              | 53.1 | 51.3 | 50.1 | 49.5 | 47.1 | 44.6 | 40.0 | -7.3                         | -7.8  | -7.6  | -3.9  | -0.3  | 0.0   | 0.2   | 0.0   |
| 27               | 35.5                              | 32.6 | 31.9 | 30.8 | 30.4 | 30.0 | 30.2 | 30.8 | 0.0                          | 0.7   | 1.1   | 1.3   | 2.0   | 1.5   | 0.9   | 0.2   |
| 28               | 31.9                              | 33.7 | 35.4 | 36.8 | 37.7 | 39.3 | 41.1 | 43.0 | -1.0                         | -2.6  | -3.8  | -2.3  | -1.3  | -3.7  | -4.7  | -5.4  |

## Ergänzende Beobachtungen um 21h.

|                | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11    | 12    | 13   | 14    | 15    |
|----------------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|
| Luftdruck      | 64.9 | 68.8 | 61.6 | 64.8 | 60.8 | 54.0 | 41.4 | 48.8 | 50.1 | 38.2 | 47.7  | 53.4  | 52.0 | 62.3  | 73.1  |
| õhurõhumine    |      |      |      |      |      |      |      |      |      |      |       |       |      |       |       |
| Temperatuur    | -0.3 | 0.1  | -0.4 | -1.6 | -0.7 | -1.8 | 0.0  | -1.1 | -3.6 | 1.2  | -10.4 | -9.0  | -3.7 | -11.4 | -13.8 |
| temperatuur    |      |      |      |      |      |      |      |      |      |      |       |       |      |       |       |
| Relat. Feucht. | 90   | 87   | 86   | 91   | 88   | 87   | 88   | 86   | 88   | 86   | 77    | 83    | 80   | 80    | 79    |
| relat. niiskus |      |      |      |      |      |      |      |      |      |      |       |       |      |       |       |
| Bewölkung      | 10   | 0    | 10   | 10   | 10   | 10   | 10   | 10   | 7    | 10   | 10    | 10    | 8    | 10    | 0     |
| pilwitus       |      |      |      |      |      |      |      |      |      |      |       |       |      |       |       |
| Temperatur     | 0.5  | 2.3  | 3.2  | -0.4 | -0.7 | 0.0  | 0.0  | 1.0  | 1.4  | 2.2  | 1.3   | -8.5  | -1.4 | -3.7  | -8.7  |
| {max.          |      |      |      |      |      |      |      |      |      |      |       |       |      |       |       |
| {min.          | -0.9 | -1.7 | -0.7 | -2.2 | -3.9 | -2.2 | -5.5 | -1.8 | -4.6 | -4.2 | -11.0 | -10.9 | -9.5 | -11.8 | -14.1 |

# Februar 1918 Weebuuar.

| Datum<br>Kuupäew | Relative Feuchtigkeit<br>relatiivne niiskus |    |    |     |     |     |     |     | Absolute Feuch-<br>tigkeit<br>absoluutne niis-<br>kus |     |     | Kompletive<br>Feuchtigkeit<br>täisniiskuse<br>puudus |     |     | Feuchtes Thermo-<br>meter<br>märg termomeeter |        |        |
|------------------|---|----|----|-----|-----|-----|-----|-----|---|-----|-----|--|-----|-----|---|--------|--------|
|                  | 1h  | 4h | 7h | 10h | 13h | 16h | 19h | 22h | 7h  | 13h | 21h | 7h   | 13h | 21h | 7h  | 13h    | 21h    |
| 1                | 94  | 93 | 93 | 93  | 93  | 93  | 92  | 89  | 4.2   | 4.3 | 4.0 | 0.3  | 0.3 | 0.4 | — 0.5   | — 0.2  | — 1.0  |
| 2                | 89  | 90 | 89 | 90  | 86  | 82  | 89  | 85  | 3.8   | 4.3 | 4.0 | 0.5  | 0.7 | 0.6 | — 1.7   | 0.5    | — 0.7  |
| 3                | 82  | 83 | 79 | 77  | 73  | 81  | 85  | 86  | 3.7   | 4.0 | 3.8 | 1.0  | 1.4 | 0.6 | — 0.8   | 0.7    | — 1.1  |
| 4                | 85  | 84 | 82 | 83  | 84  | 87  | 90  | 91  | 3.5   | 3.6 | 3.7 | 0.8  | 0.7 | 0.4 | — 1.7   | — 1.5  | — 2.0  |
| 5                | 91  | 91 | 91 | 90  | 87  | 87  | 88  | 87  | 3.6   | 3.1 | 3.8 | 0.4  | 0.5 | 0.5 | — 2.4   | — 4.0  | — 1.4  |
| 6                | 89  | 89 | 89 | 88  | 87  | 88  | 87  | 87  | 4.1   | 3.8 | 3.5 | 0.5  | 0.6 | 0.5 | — 0.6   | — 1.4  | — 2.4  |
| 7                | 87  | 86 | 87 | 87  | 87  | 87  | 88  | 88  | 3.0   | 3.3 | 4.0 | 0.4  | 0.5 | 0.6 | — 4.6   | — 3.2  | — 0.8  |
| 8                | 88  | 87 | 89 | 86  | 80  | 82  | 85  | 86  | 4.2   | 3.8 | 3.6 | 0.5  | 1.0 | 0.6 | — 0.3   | — 0.5  | — 1.8  |
| 9                | 89  | 90 | 90 | 88  | 69  | 73  | 80  | 88  | 4.4   | 3.2 | 3.1 | 0.5  | 1.4 | 0.4 | 0.8   | — 1.4  | — 4.2  |
| 10               | 89  | 90 | 86 | 89  | 90  | 89  | 86  | 86  | 4.3   | 4.3 | 4.3 | 0.7  | 0.5 | 0.7 | 0.3   | 0.1    | 0.4    |
| 11               | 90  | 91 | 90 | 83  | 77  | 76  | 76  | 79  | 3.7   | 2.0 | 1.6 | 0.4  | 0.6 | 0.5 | — 2.1   | — 8.5  | — 11.3 |
| 12               | 82  | 82 | 85 | 86  | 81  | 80  | 81  | 83  | 1.9   | 1.8 | 1.9 | 0.3  | 0.4 | 0.4 | — 10.4  | — 10.1 | — 9.6  |
| 13               | 83  | 85 | 89 | 89  | 80  | 79  | 85  | 77  | 2.9   | 3.1 | 2.8 | 0.4  | 0.8 | 0.7 | — 5.1   | — 3.6  | — 4.9  |
| 14               | 73  | 75 | 80 | 80  | 80  | 80  | 80  | 79  | 2.4   | 2.0 | 1.5 | 0.6  | 0.5 | 0.4 | — 6.6   | — 9.2  | — 12.1 |
| 15               | 82  | 85 | 80 | 80  | 79  | 72  | 78  | 78  | 1.5   | 1.6 | 1.3 | 0.4  | 0.4 | 0.3 | — 12.5  | — 12.0 | — 14.4 |
| 16               | 77  | 80 | 80 | 84  | 81  | 82  | 82  | 80  | 1.2   | 2.5 | 2.9 | 0.3  | 0.6 | 0.7 | — 14.6  | — 6.4  | — 4.1  |
| 17               | 80  | 80 | 80 | 80  | 80  | 77  | 78  | 80  | 2.9   | 3.2 | 3.1 | 0.7  | 0.8 | 0.8 | — 4.1   | — 3.2  | — 3.8  |
| 18               | 84  | 78 | 79 | 78  | 76  | 70  | 72  | 74  | 2.7   | 2.4 | 1.7 | 0.7  | 0.8 | 0.6 | — 4.8   | — 6.4  | — 9.9  |
| 19               | 78  | 80 | 82 | 80  | 77  | 73  | 77  | 77  | 1.3   | 1.7 | 1.6 | 0.3  | 0.5 | 0.5 | — 14.2  | — 10.4 | — 11.0 |
| 20               | 81  | 84 | 85 | 86  | 84  | 79  | 82  | 85  | 1.4   | 1.7 | 1.2 | 0.2  | 0.3 | 0.2 | — 14.2  | — 11.2 | — 15.1 |
| 21               | 86  | 85 | 85 | 85  | 85  | 82  | 85  | 86  | 1.2   | 1.5 | 1.2 | 0.2  | 0.3 | 0.2 | — 15.5  | — 13.2 | — 15.8 |
| 22               | 86  | 87 | 88 | 88  | 87  | 81  | 89  | 88  | 1.4   | 1.7 | 1.3 | 0.2  | 0.3 | 0.2 | — 13.7  | — 11.6 | — 14.8 |
| 23               | 88  | 88 | 89 | 90  | 88  | 84  | 86  | 86  | 1.5   | 1.8 | 1.9 | 0.2  | 0.2 | 0.3 | — 13.5  | — 11.4 | — 10.2 |
| 24               | 86  | 87 | 88 | 88  | 84  | 81  | 91  | 93  | 1.8   | 2.8 | 3.4 | 0.2  | 0.5 | 0.3 | — 10.9  | — 5.2  | — 3.2  |
| 25               | 82  | 85 | 90 | 88  | 76  | 76  | 86  | 90  | 2.4   | 2.8 | 2.5 | 0.3  | 0.9 | 0.3 | — 7.8   | — 3.8  | — 7.2  |
| 26               | 91  | 92 | 91 | 91  | 75  | 75  | 88  | 90  | 2.4   | 3.4 | 3.8 | 0.2  | 1.1 | 0.9 | — 8.0   | — 1.8  | — 0.8  |
| 27               | 85  | 93 | 86 | 87  | 80  | 84  | 87  | 86  | 4.3   | 4.2 | 4.0 | 0.7  | 1.0 | 0.7 | 0.3   | 0.8    | — 0.4  |
| 28               | 81  | 64 | 80 | 74  | 76  | 62  | 65  | 67  | 2.8   | 3.2 | 2.0 | 0.7  | 1.0 | 1.1 | — 4.7   | — 2.6  | — 6.8  |

Täiendawad waatlused kell 21.

| 16    | 17   | 18   | 19    | 20    | 21    | 22    | 23    | 24    | 25   | 26   | 27   | 28   | Mittel<br>keskm. |
|-------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------------------|
| 69.8  | 70.4 | 70.6 | 66.7  | 65.5  | 55.6  | 50.9  | 52.3  | 48.9  | 53.7 | 42.2 | 30.6 | 42.3 | 55.79            |
| -3.0  | -2.4 | -8.9 | -10.2 | -14.7 | -15.5 | -14.5 | -9.8  | -2.8  | -6.8 | 0.3  | 0.4  | -5.3 | -5.35            |
| 80    | 80   | 74   | 77    | 84    | 86    | 89    | 87    | 92    | 89   | 81   | 86   | 64   | 84               |
| 10    | 10   | 0    | 10    | 0     | 0     | 0     | 10    | 10    | 5    | 10   | 10   | 10   | 7.5              |
| -3.0  | -1.5 | -2.4 | -8.6  | -9.2  | -9.8  | -9.8  | -9.0  | -2.0  | -1.0 | 0.8  | 2.0  | 0.7  | -2.30            |
| -15.6 | -3.5 | -9.3 | -14.5 | -15.3 | -17.5 | -16.4 | -17.6 | -10.7 | -8.0 | -9.5 | -0.5 | -5.7 | -8.18            |



# Februar 1918 Weebruar.

| Datum<br>Kuupäew | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
|------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|
|                  | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     | N | E | S | W |
|                  | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |   |   |   |   |
| 1                | 5.0                                 | 5.7 | 5.1 | 5.1 | 5.8 | 6.2 | 6.9 | 5.3 | 0.2               | —   | 0.8 | 4.7 | 0.2 | —   | 1.1 | 5.1 | 0.1 | —   | 1.2 | 4.4 |   |   |   |   |
| 2                | 4.2                                 | 3.7 | 3.4 | 2.8 | 3.3 | 3.9 | 4.2 | 4.3 | 0.2               | —   | 0.4 | 4.0 | 0.6 | —   | 0.3 | 3.6 | —   | —   | 0.7 | 3.1 |   |   |   |   |
| 3                | 4.5                                 | 4.6 | 3.5 | 4.0 | 6.3 | 5.5 | 6.4 | 6.3 | —                 | —   | 1.1 | 4.1 | 0.1 | —   | 1.2 | 4.1 | —   | 0.3 | 0.6 | 3.1 |   |   |   |   |
| 4                | 6.1                                 | 5.7 | 5.6 | 4.2 | 2.8 | 1.8 | 1.5 | 1.8 | 0.8               | —   | 0.3 | 5.6 | 0.7 | —   | 0.2 | 5.3 | 0.6 | —   | 0.1 | 5.3 |   |   |   |   |
| 5                | 2.1                                 | 2.7 | 3.0 | 4.1 | 4.8 | 3.9 | 4.2 | 3.9 | —                 | —   | 1.4 | 1.4 | —   | —   | 1.6 | 2.0 | —   | —   | 1.6 | 2.2 |   |   |   |   |
| 6                | 3.6                                 | 3.5 | 3.9 | 3.6 | 3.7 | 2.5 | 2.8 | 2.4 | —                 | —   | 1.7 | 2.9 | —   | —   | 1.4 | 2.8 | —   | —   | 1.9 | 2.9 |   |   |   |   |
| 7                | 3.0                                 | 4.1 | 3.3 | 2.4 | 1.5 | 2.1 | 2.4 | 1.5 | —                 | —   | 2.0 | 1.7 | —   | —   | 2.3 | 2.7 | —   | —   | 2.3 | 2.1 |   |   |   |   |
| 8                | 1.2                                 | 1.3 | 2.7 | 3.7 | 5.1 | 4.9 | 3.5 | 2.4 | —                 | —   | 0.9 | 0.6 | —   | —   | 0.2 | 1.2 | 0.7 | —   | —   | 2.4 |   |   |   |   |
| 9                | 4.2                                 | 5.1 | 6.6 | 7.3 | 8.7 | 7.1 | 3.9 | 0.9 | —                 | 0.8 | 3.7 | 0.2 | —   | 0.2 | 3.8 | 2.3 | 0.1 | —   | 2.7 | 5.4 |   |   |   |   |
| 10               | 0.9                                 | 2.9 | 2.7 | 3.7 | 3.1 | 4.6 | 4.2 | 4.0 | —                 | 0.5 | 0.8 | —   | —   | 0.2 | 1.3 | 2.3 | —   | —   | 2.1 | 1.2 |   |   |   |   |
| 11               | 3.4                                 | 4.0 | 4.2 | 4.6 | 4.3 | 3.4 | 2.8 | 2.4 | 0.1               | —   | 0.7 | 3.3 | 0.3 | —   | 0.3 | 3.9 | 0.7 | —   | 0.3 | 3.7 |   |   |   |   |
| 12               | 2.5                                 | 2.3 | 2.1 | 2.6 | 2.5 | 2.2 | 2.2 | 2.8 | 1.8               | —   | —   | 1.3 | 1.7 | —   | —   | 1.0 | 1.8 | —   | —   | 0.7 |   |   |   |   |
| 13               | 2.6                                 | 3.6 | 3.8 | 4.5 | 4.8 | 5.1 | 4.2 | 4.8 | —                 | —   | 0.9 | 2.2 | —   | —   | 1.4 | 2.9 | —   | —   | 1.3 | 3.2 |   |   |   |   |
| 14               | 3.4                                 | 3.4 | 3.4 | 4.1 | 5.1 | 5.1 | 5.5 | 3.5 | 2.4               | —   | —   | 2.4 | 2.1 | —   | —   | 2.5 | 2.4 | —   | —   | 2.0 |   |   |   |   |
| 15               | 2.2                                 | 2.7 | 3.8 | 3.3 | 2.5 | 0.9 | 0.6 | 0.4 | 1.9               | 0.7 | —   | —   | 2.2 | 1.1 | —   | —   | 2.7 | 2.2 | —   | —   |   |   |   |   |
| 16               | 0.6                                 | 0.9 | 3.3 | 4.5 | 4.5 | 5.3 | 5.7 | 6.0 | 0.3               | 0.3 | —   | —   | 0.7 | 0.4 | —   | —   | 3.2 | 0.4 | —   | —   |   |   |   |   |
| 17               | 6.7                                 | 4.7 | 3.3 | 1.9 | 1.0 | 0.5 | 0.4 | 1.1 | 0.9               | —   | 0.3 | 6.2 | 0.8 | —   | 0.1 | 4.6 | 0.5 | —   | —   | 3.1 |   |   |   |   |
| 18               | 1.7                                 | 2.7 | 2.2 | 2.6 | 2.7 | 3.3 | 3.4 | 2.7 | —                 | —   | 1.6 | 0.3 | —   | 0.3 | 2.5 | 0.1 | —   | 0.8 | 1.9 | —   |   |   |   |   |
| 19               | 2.7                                 | 1.2 | 1.7 | 3.3 | 5.1 | 3.3 | 2.0 | 1.8 | 0.5               | 2.5 | —   | —   | 0.2 | 1.1 | —   | —   | —   | 1.8 | —   | —   |   |   |   |   |
| 20               | 1.6                                 | 1.2 | 0.9 | 1.7 | 2.4 | 2.1 | 1.0 | 0.6 | 0.4               | 1.5 | —   | —   | 0.3 | 1.1 | —   | —   | 0.4 | 0.8 | —   | —   |   |   |   |   |
| 21               | 0.4                                 | 0.4 | 0.9 | 1.3 | 0.7 | 0.8 | 0.4 | 0.9 | —                 | 0.4 | —   | —   | —   | —   | 0.4 | —   | —   | 1.0 | —   | —   |   |   |   |   |
| 22               | 0.6                                 | 0.8 | 0.8 | 0.6 | 0.6 | 0.6 | 0.4 | 0.4 | —                 | 0.7 | —   | —   | —   | 0.9 | —   | —   | 0.3 | 0.6 | —   | —   |   |   |   |   |
| 23               | 0.4                                 | 1.2 | 2.1 | 2.6 | 2.8 | 1.8 | 1.6 | 0.8 | —                 | —   | —   | —   | —   | 0.9 | 0.5 | —   | —   | 1.8 | 0.9 | —   |   |   |   |   |
| 24               | 0.8                                 | 1.2 | 1.7 | 2.4 | 2.9 | 3.2 | 3.5 | 3.9 | —                 | 0.6 | 0.4 | —   | —   | 0.9 | 0.5 | —   | —   | 1.2 | 1.0 | —   |   |   |   |   |
| 25               | 3.0                                 | 2.9 | 3.1 | 1.6 | 0.8 | 0.6 | 0.7 | 0.7 | 0.1               | —   | 0.2 | 2.9 | 0.1 | —   | 0.3 | 2.8 | —   | —   | 0.4 | 3.0 |   |   |   |   |
| 26               | 1.3                                 | 2.0 | 2.8 | 4.4 | 5.0 | 5.5 | 4.8 | 4.5 | —                 | —   | —   | 1.4 | —   | —   | 0.5 | 1.8 | —   | —   | 0.9 | 2.4 |   |   |   |   |
| 27               | 5.5                                 | 6.9 | 6.0 | 5.8 | 6.0 | 4.9 | 4.5 | 5.2 | —                 | —   | 3.6 | 3.2 | —   | —   | 2.6 | 5.6 | —   | —   | 1.7 | 5.2 |   |   |   |   |
| 28               | 7.2                                 | 6.7 | 5.5 | 5.7 | 5.5 | 6.8 | 6.0 | 5.3 | 0.6               | —   | 0.4 | 6.8 | 1.1 | —   | 0.2 | 6.2 | 0.2 | —   | 0.3 | 5.2 |   |   |   |   |

## Tagesmittel

|                                    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine           | 65.49 | 68.61 | 64.64 | 63.60 | 62.36 | 58.51 | 47.44 | 45.52 | 44.56 | 44.96 | 43.22 | 50.69 | 51.81 | 56.30 |
| Temperatuur<br>temperatuur         | -0.05 | -0.11 | 0.58  | -1.01 | -2.09 | -0.71 | -2.45 | -0.19 | -0.89 | 0.41  | -5.38 | -9.52 | -4.51 | -8.11 |
| Relat. Feucht.<br>relat. niiskus   | 92    | 88    | 81    | 86    | 89    | 88    | 87    | 85    | 83    | 88    | 83    | 82    | 83    | 78    |
| Absol. Feucht.<br>absol. niiskus   | 4.17  | 4.03  | 3.83  | 3.60  | 3.50  | 3.80  | 3.43  | 3.87  | 3.57  | 4.30  | 2.43  | 1.87  | 2.93  | 1.97  |
| Kompl. Feucht.<br>täisniisk.puudus | 0.33  | 0.60  | 1.00  | 0.63  | 0.47  | 0.53  | 0.50  | 0.70  | 0.77  | 0.63  | 0.50  | 0.37  | 0.63  | 0.50  |

# Februar 1918 Weebruar.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |
| 0.2                                  | —   | 1.1 | 4.7 | 0.2 | —   | 1.5 | 5.1 | 0.2 | —   | 1.4 | 6.0 | 0.5 | —   | 1.0 | 6.3 | 0.5 | —   | 0.5 | 4.9 | 0.26            | —    | 1.08 | 5.15 |
| 0.1                                  | —   | 0.3 | 2.7 | 0.1 | 0.1 | 0.7 | 2.9 | —   | —   | 0.9 | 3.5 | 0.1 | —   | 1.1 | 3.7 | —   | —   | 1.1 | 3.8 | 0.14            | 0.01 | 0.69 | 3.41 |
| 0.1                                  | —   | 1.5 | 3.2 | 0.1 | —   | 2.1 | 5.2 | 0.2 | —   | 1.0 | 5.0 | 0.5 | —   | 0.9 | 5.8 | 0.6 | —   | 0.6 | 5.7 | 0.20            | 0.04 | 1.12 | 4.52 |
| 0.4                                  | —   | 0.3 | 4.0 | 0.4 | 0.1 | 0.1 | 2.6 | 0.2 | —   | 0.1 | 1.7 | —   | —   | 0.7 | 0.9 | —   | —   | 1.1 | 1.3 | 0.39            | 0.01 | 0.36 | 3.34 |
| —                                    | —   | 1.6 | 3.3 | —   | —   | 1.8 | 3.9 | —   | —   | 2.1 | 2.9 | —   | —   | 2.1 | 3.2 | —   | —   | 1.1 | 3.5 | —               | —    | 1.66 | 2.80 |
| —                                    | —   | 2.1 | 2.4 | —   | —   | 2.0 | 2.5 | —   | —   | 1.7 | 1.5 | —   | —   | 1.7 | 1.8 | —   | —   | 1.6 | 1.4 | —               | —    | 1.76 | 2.28 |
| —                                    | —   | 2.1 | 1.0 | —   | —   | 1.4 | 0.3 | —   | —   | 2.1 | 0.6 | —   | 0.1 | 2.2 | 0.4 | —   | 0.1 | 1.4 | 0.3 | —               | 0.02 | 1.98 | 1.14 |
| 0.9                                  | —   | —   | 3.5 | 0.5 | —   | 0.2 | 4.7 | 0.2 | —   | 0.7 | 4.5 | —   | —   | 0.9 | 3.2 | 0.1 | —   | 1.7 | 1.6 | 0.30            | —    | 0.58 | 2.71 |
| 0.3                                  | —   | 1.8 | 6.2 | 0.7 | —   | 1.0 | 8.0 | 0.8 | —   | 0.6 | 6.5 | 0.4 | —   | 0.3 | 3.6 | 0.2 | —   | —   | 0.4 | 0.31            | 0.12 | 1.74 | 4.08 |
| —                                    | 0.9 | 3.3 | —   | —   | 1.0 | 4.4 | 0.5 | —   | 0.1 | 3.6 | 1.8 | —   | —   | 3.2 | 2.2 | —   | —   | 3.1 | 2.1 | —               | 0.34 | 2.72 | 1.26 |
| 3.2                                  | 0.2 | 0.1 | 2.5 | 2.5 | —   | —   | 3.0 | 2.5 | —   | —   | 1.9 | 2.0 | —   | —   | 1.6 | 1.7 | —   | —   | 1.4 | 1.62            | 0.02 | 0.18 | 2.66 |
| 1.9                                  | —   | —   | 1.4 | 1.5 | —   | —   | 1.6 | 1.0 | —   | —   | 1.6 | 0.7 | —   | —   | 1.9 | 0.3 | —   | 0.4 | 2.6 | 1.34            | —    | 0.05 | 1.51 |
| 0.7                                  | —   | 0.3 | 4.2 | 1.3 | —   | —   | 4.1 | 1.8 | —   | —   | 4.2 | 1.8 | —   | —   | 3.3 | 2.9 | —   | —   | 3.4 | 1.06            | —    | 0.49 | 3.44 |
| 3.4                                  | 0.7 | —   | 0.8 | 4.4 | 1.1 | —   | 0.4 | 3.6 | 3.0 | —   | —   | 3.6 | 4.0 | —   | —   | 2.4 | 2.2 | —   | —   | 3.04            | 1.38 | —    | 1.01 |
| 2.1                                  | 2.3 | —   | —   | 1.4 | 1.7 | —   | —   | 0.6 | 0.6 | —   | —   | 0.2 | 0.5 | —   | —   | —   | 0.4 | —   | —   | 1.39            | 1.19 | —    | —    |
| 4.5                                  | —   | —   | —   | 4.4 | —   | —   | 0.3 | 2.5 | —   | 0.4 | 3.9 | 0.3 | —   | 0.7 | 5.2 | 0.5 | —   | 0.6 | 5.6 | 2.05            | 0.14 | 0.21 | 1.88 |
| 0.5                                  | —   | —   | 1.7 | 0.4 | —   | —   | 0.8 | 0.3 | —   | —   | 0.3 | —   | —   | —   | 0.4 | —   | —   | 1.2 | —   | 0.42            | —    | 0.20 | 2.14 |
| —                                    | 2.2 | 0.9 | —   | 0.7 | 2.3 | 0.2 | —   | 2.4 | 2.0 | —   | —   | 2.0 | 2.4 | —   | —   | 0.5 | 2.5 | —   | —   | 0.70            | 1.56 | 0.89 | 0.05 |
| 0.1                                  | 3.1 | 0.8 | —   | —   | 4.6 | 1.2 | —   | —   | 3.1 | 0.6 | —   | 0.5 | 1.9 | —   | —   | 0.5 | 1.7 | 0.1 | —   | 0.22            | 2.48 | 0.34 | —    |
| 0.1                                  | 1.7 | 0.1 | —   | —   | 2.3 | 0.4 | —   | —   | 1.8 | 0.6 | —   | —   | 0.8 | 0.5 | —   | —   | 0.6 | —   | —   | 0.15            | 1.32 | 0.20 | —    |
| —                                    | 1.4 | —   | —   | —   | 0.8 | —   | —   | —   | 0.8 | —   | —   | —   | 0.4 | —   | —   | —   | 1.0 | —   | —   | —               | 0.72 | 0.05 | —    |
| 0.3                                  | 0.3 | —   | —   | —   | 0.7 | —   | —   | —   | 0.5 | 0.2 | —   | —   | 0.4 | —   | —   | —   | —   | —   | —   | 0.08            | 0.51 | 0.02 | —    |
| —                                    | 2.1 | 1.1 | —   | —   | 2.2 | 1.0 | —   | —   | 1.8 | 0.3 | —   | —   | —   | 1.6 | —   | —   | 0.7 | 0.2 | —   | —               | 1.19 | 0.70 | —    |
| —                                    | 1.1 | 1.9 | —   | —   | 1.1 | 2.4 | —   | —   | 0.5 | 2.6 | 0.5 | —   | —   | 1.3 | 2.9 | 0.1 | —   | 0.4 | 3.6 | 0.01            | 0.68 | 1.31 | 0.88 |
| —                                    | —   | —   | 1.7 | —   | —   | —   | 0.9 | —   | —   | —   | 0.7 | —   | —   | —   | 0.8 | —   | —   | —   | 0.8 | 0.02            | —    | 0.11 | 1.70 |
| —                                    | —   | 1.1 | 3.8 | —   | —   | 1.2 | 4.4 | —   | —   | 2.0 | 4.6 | —   | —   | 2.0 | 3.9 | —   | —   | 3.1 | 2.4 | —               | —    | 1.35 | 3.09 |
| —                                    | —   | 2.3 | 4.8 | —   | —   | 2.4 | 4.8 | —   | —   | 1.5 | 4.2 | 0.1 | —   | 0.8 | 4.3 | 0.3 | —   | 0.4 | 5.0 | 0.05            | —    | 1.91 | 4.64 |
| 0.4                                  | —   | 0.4 | 5.4 | 1.0 | —   | 0.1 | 5.1 | 0.6 | —   | 0.3 | 6.4 | 0.7 | —   | 0.2 | 5.7 | 0.7 | —   | —   | 5.0 | 0.66            | —    | 0.24 | 5.72 |

## I g a p ä i s e d k e s k m i s e d

| 15     | 16    | 17    | 18    | 19     | 20     | 21     | 22     | 23     | 24    | 25    | 26    | 27    | 28    | Mittel<br>keskm. |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------------------|
| 70.02  | 71.26 | 69.79 | 71.65 | 68.65  | 65.01  | 60.31  | 51.75  | 50.20  | 51.74 | 52.12 | 48.66 | 31.52 | 37.36 | 55.99            |
| -12.34 | -8.65 | -2.48 | -5.29 | -11.39 | -13.08 | -14.61 | -13.29 | -12.31 | -6.21 | -5.04 | -3.34 | 0.96  | -3.10 | -5.15            |
| 79     | 81    | 79    | 76    | 78     | 83     | 85     | 87     | 87     | 87    | 84    | 87    | 86    | 71    | 84               |
| 1.47   | 2.20  | 3.07  | 2.27  | 1.53   | 1.43   | 1.30   | 1.47   | 1.73   | 2.67  | 2.57  | 3.20  | 4.17  | 2.67  | 2.82             |
| 0.37   | 0.53  | 0.77  | 0.70  | 0.43   | 0.23   | 0.23   | 0.23   | 0.23   | 0.33  | 0.50  | 0.73  | 0.80  | 0.93  | 0.54             |

# Februar 1918 Weebruar.

| Bewölkung Pilwitus |  |     |     |     |     |     |                 |          |            |          |         |         |      |
|--------------------|--|-----|-----|-----|-----|-----|-----------------|----------|------------|----------|---------|---------|------|
| Datum<br>Kuupäew   | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |          |            |          |         |         |      |
|                    | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h      | 13h        | 16h      | 19h     | 21h     | 22h  |
|                    |  |     |     |     |     |     |                 |          |            |          |         |         |      |
| 1                  | 10   | 10  | 10  | 10  | 10  | 10  | ≡               | ≡        | ≡          | St       | St      | St      | St   |
| 2                  | 2  | 3   | 1   | 1   | 0   | 0   | Ci              | ⊙ACu     | ⊙AS        | ⊙AS      | —       | —       | —    |
| 3                  | 0  | 0   | 7   | 10  | 10  | 10  | —               | ⊙—       | ⊙CiS, CiCu | SCu      | AS      | AS      | AS   |
| 4                  | 10   | 10  | 10  | 10  | 10  | 10  | AS              | St       | St         | St       | ≡       | ≡       | ≡    |
| 5                  | 10   | 10  | 10  | 10  | 10  | 10  | ≡               | St       | St         | St       | St      | St      | St   |
| 6                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St         | St       | St      | St      | St   |
| 7                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb         | St       | St      | Nb      | Nb   |
| 8                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St         | St       | St      | St      | St   |
| 9                  | 10   | 10  | 10  | 9   | 2   | 8   | St              | St       | SCu        | SCu      | FrCu    | SCu     | SCu  |
| 10                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb         | Nb       | Nb      | SCu     | SCu  |
| 11                 | 10   | 10  | 10  | 10  | 9   | 10  | St              | Nb       | St         | Nb       | Nb      | St      | St   |
| 12                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb       | Nb         | St       | St      | St      | St   |
| 13                 | 10   | 10  | 10  | 10  | 5   | 10  | Nb              | St       | St         | St       | SCu, Cu | SCu, St | St   |
| 14                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb       | St         | St       | Nb      | Nb      | St   |
| 15                 | 7  | 2   | 0   | 3   | 0   | 0   | SCu, St         | ⊙Cu      | ⊙—         | ⊙AS      | —       | —       | —    |
| 16                 | 10   | 10  | 10  | 10  | 10  | 10  | ACu, St         | St       | St         | St       | St      | St      | St   |
| 17                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St         | St       | St      | St      | St   |
| 18                 | 10   | 1   | 0   | 0   | 0   | 0   | AS              | ⊙SCu     | ⊙—         | ⊙—       | —       | —       | —    |
| 19                 | 3  | 2   | 3   | 3   | 0   | 10  | CiS             | ⊙Ci, CiS | ⊙Ci, CiS   | ⊙Ci, CiS | —       | AS      | AS   |
| 20                 | 10   | 2   | 5   | 9   | 2   | 0   | AS, Nb          | ⊙CiS,    | ⊙FrCu      | ⊙SCu     | SCu     | —       | —    |
| 21                 | 10   | 10  | 9   | 0   | 2   | 0   | St              | Nb       | St, SCu    | ⊙—       | AS      | —       | —    |
| 22                 | 10   | 9   | 3   | 1   | 0   | 0   | ACu             | AS       | ⊙CiS       | ⊙CiS     | —       | —       | —    |
| 23                 | 10   | 10  | 5   | 10  | 10  | 10  | Nb              | Nb       | ⊙St        | SCu      | St      | St      | St   |
| 24                 | 5  | 10  | 9   | 10  | 10  | 10  | AS, CiCu        | AS       | ACu        | Nb       | St      | ACu     | ACu  |
| 25                 | 1  | 2   | 2   | 7   | 4   | 4   | CiCu            | ⊙Ci, CiS | ⊙Ci, CiS   | ⊙Ci, CiS | CiS     | CiCu    | CiCu |
| 26                 | 9  | 10  | 8   | 10  | 10  | 10  | CiCu, ACu       | St       | ⊙FrCu      | St       | St      | St      | St   |
| 27                 | 10   | 10  | 10  | 10  | 10  | 9   | St              | Nb       | Nb         | St       | St      | St      | SCu  |
| 28                 | 3  | 8   | 10  | 3   | 10  | 10  | ACu             | ⊙ACu     | Nb         | ⊙ACu     | St      | St      | St   |

## Stundenmittel Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|-------|---------------------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N—S   | E—W   |                                 |                                   |   |
| 1                | 0.36                         | 0.29 | 0.76 | 1.97 | —0.39 | —1.69 | 257                             | 1.73                              | 2.91                                    |
| 4                | 0.40                         | 0.25 | 0.81 | 2.24 | —0.41 | —1.99 | 258                             | 2.03                              | 3.14                                    |
| 7                | 0.49                         | 0.39 | 0.78 | 2.16 | —0.29 | —1.77 | 261                             | 1.80                              | 3.26                                    |
| 10               | 0.69                         | 0.57 | 0.82 | 2.05 | —0.14 | —1.48 | 265                             | 1.48                              | 3.51                                    |
| 13               | 0.70                         | 0.64 | 0.86 | 2.18 | —0.16 | —1.54 | 264                             | 1.55                              | 3.72                                    |
| 16               | 0.60                         | 0.51 | 0.81 | 2.23 | —0.21 | —1.72 | 263                             | 1.73                              | 3.50                                    |
| 19               | 0.48                         | 0.38 | 0.77 | 2.18 | —0.28 | —1.81 | 263                             | 1.83                              | 3.20                                    |
| 22               | 0.40                         | 0.33 | 0.67 | 1.96 | —0.28 | —1.63 | 261                             | 1.65                              | 2.88                                    |
| Mittel<br>keskm. | 0.51                         | 0.42 | 0.78 | 2.12 | —0.27 | —1.70 | 261                             | 1.72                              | 3.27                                    |



# Februar 1918 Weebruar.

| Datum<br>Kuupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm.   | B e m e r k u n g e n<br>M ä r k u s e d  |     |
|------------------|---------------------------------|--------|-------------------------------------|--|---|-----|
|                  | 7h—21h                          | 21h—7h |                                     |  |   |     |
| 1                | 0.0                             | —      | 0.4                                 | k<br>a<br>t<br>e.<br>ä<br>ä<br>J<br>ä<br>ä<br>c<br>e.<br>k<br>e.<br>c<br>e.<br>d<br>e.<br>s<br>s<br>i<br>s<br>d<br>e.<br>E | ≡—14 <sup>h</sup> .   | cm. |
| 2                | —                               | —      | 0.3                                 |  | V <sup>n</sup> .  |     |
| 3                | —                               | —      | 0.5                                 |  | V <sup>a</sup> .  |     |
| 4                | —                               | —      | 0.1                                 |  | ≡p, n.  |     |
| 5                | —                               | —      | 0.0                                 |  | ≡a.   |     |
| 6                | —                               | —      | 0.2                                 |  |   |     |
| 7                | 1.3                             | 0.5    | 0.0                                 |  | *p, n.  |     |
| 8                | —                               | 6.8    | 0.0                                 |  | *n.   | ☒ 3 |
| 9                | 0.3                             | 1.5    | 0.8                                 |  | *a, n.  | ☒ 3 |
| 10               | 1.1                             | 2.2    | 0.0                                 |  | *, ● 11 <sup>h</sup> 50 <sup>m</sup> —17 <sup>h</sup> , 19 <sup>h</sup> , n.  | ☒ 4 |
| 11               | 0.2                             | 0.1    | 0.4                                 |  | *9 <sup>h</sup> 35 <sup>m</sup> —10 <sup>h</sup> 15 <sup>m</sup> , 15 <sup>h</sup> 5 <sup>m</sup> —17 <sup>h</sup> 30 <sup>m</sup> , n. | ☒ 3 |
| 12               | 0.1                             | 0.0    | 0.0                                 |  | *08 <sup>h</sup> 10 <sup>m</sup> —14 <sup>h</sup> , n.  | ☒ 4 |
| 13               | —                               | 0.3    | 0.0                                 |  | *n.   | ☒ 3 |
| 14               | 0.6                             | 0.0    | 0.1                                 |  | *—12 <sup>h</sup> 48 <sup>m</sup> , p; * <sup>0</sup> n.  | ☒ 3 |
| 15               | —                               | —      | 0.3                                 |  |   | ☒ 3 |
| 16               | —                               | —      | 0.2                                 | k<br>e.<br>k<br>e.<br>c<br>e.<br>d<br>e.<br>s<br>s<br>i<br>s<br>d<br>e.<br>E   |   | ☒ 2 |
| 17               | —                               | 0.0    | 0.2                                 |  | * <sup>0</sup> n.   | ☒ 2 |
| 18               | —                               | —      | 0.2                                 |  |   | ☒ 2 |
| 19               | —                               | 0.3    | 0.2                                 |  | *n.   | ☒ 2 |
| 20               | 0.0                             | —      | 0.2                                 |  | * <sup>0</sup> —9 <sup>a</sup> .  | ☒ 2 |
| 21               | 0.3                             | 0.4    | 0.0                                 |  | *9 <sup>h</sup> —10 <sup>h</sup> 30 <sup>m</sup> , n.   | ☒ 3 |
| 22               | 0.0                             | 0.1    | 0.0                                 |  | * <sup>0</sup> a; *n.   | ☒ 3 |
| 23               | 0.1                             | 0.0    | 0.0                                 |  | *a; * <sup>0</sup> n.   | ☒ 4 |
| 24               | 0.6                             | —      | 0.1                                 |  | *15 <sup>h</sup> 30 <sup>m</sup> —17 <sup>h</sup> .   | ☒ 4 |
| 25               | —                               | —      | 0.1                                 |  | ☐, ☐ 17 <sup>h</sup> 30 <sup>m</sup> .  | ☒ 4 |
| 26               | —                               | 0.4    | 0.1                                 |  | *n.   | ☒ 4 |
| 27               | 0.2                             | 0.2    | 0.1                                 |  | *a, 17 <sup>h</sup> 30 <sup>m</sup> —45 <sup>m</sup> , n.   | ☒ 4 |
| 28               | 0.8                             | —      | 0.4                                 |  | *10 <sup>h</sup> 40 <sup>m</sup> —11 <sup>h</sup> 30 <sup>m</sup> , 12 <sup>h</sup> 45 <sup>m</sup> —14 <sup>h</sup> .                  | ☒ 4 |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 56.30                         | —5.64                               | 85                                     | —                          | 1                |
| 55.99                         | —5.68                               | 85                                     | —                          | 4                |
| 56.01                         | —5.61                               | 86                                     | 8.0                        | 7                |
| 56.19                         | —5.17                               | 85                                     | 7.8                        | 10               |
| 56.00                         | —4.10                               | 81                                     | 7.6                        | 13               |
| 55.81                         | —4.37                               | 80                                     | 7.7                        | 16               |
| 55.88                         | —5.08                               | 84                                     | 6.9                        | 19               |
| 55.75                         | —5.55                               | 84                                     | 7.5                        | 22               |
| 55.99                         | —5.15                               | 84                                     | 7.6                        | Mittel<br>keskm. |

## März 1918 Märts.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |       |       |       |       |       |       |       |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h    | 7h    | 10h   | 13h   | 16h   | 19h   | 22h   |
| 1                | 44.5                              | 45.9 | 47.0 | 48.3 | 49.5 | 50.3 | 52.0 | 53.5 | - 6.5                       | - 7.6 | - 8.5 | - 5.6 | - 1.9 | - 1.5 | - 4.7 | - 7.0 |
| 2                | 55.4                              | 57.1 | 59.5 | 61.4 | 63.3 | 64.4 | 65.7 | 67.1 | - 6.0                       | - 5.7 | - 5.6 | - 5.8 | - 4.0 | - 4.6 | - 6.8 | - 8.2 |
| 3                | 68.6                              | 69.7 | 70.7 | 71.7 | 72.7 | 72.9 | 73.4 | 73.8 | - 9.9                       | -11.2 | -12.0 | - 7.8 | - 3.7 | - 3.9 | - 6.2 | - 8.0 |
| 4                | 74.3                              | 74.7 | 75.1 | 76.0 | 76.2 | 76.3 | 76.0 | 76.2 | - 9.0                       | - 9.6 | -10.3 | - 5.7 | - 0.3 | 2.7   | - 1.8 | - 4.2 |
| 5                | 76.7                              | 76.9 | 76.9 | 77.2 | 77.2 | 76.2 | 75.4 | 74.5 | - 5.4                       | - 5.9 | - 4.0 | - 1.0 | 4.0   | 6.7   | 1.7   | - 1.4 |
| 6                | 74.0                              | 73.3 | 71.9 | 70.7 | 69.8 | 67.6 | 67.3 | 67.1 | - 2.9                       | - 4.3 | - 5.2 | - 2.9 | 1.2   | 2.0   | - 1.8 | - 3.4 |
| 7                | 67.4                              | 67.9 | 68.6 | 70.3 | 70.4 | 69.7 | 69.5 | 69.0 | - 4.8                       | - 6.5 | - 7.8 | - 5.8 | - 2.4 | - 0.5 | - 3.4 | - 6.0 |
| 8                | 68.2                              | 66.5 | 65.7 | 65.5 | 65.3 | 64.7 | 64.5 | 64.3 | - 7.9                       | - 8.5 | - 7.6 | - 3.0 | 0.6   | 2.5   | - 0.7 | - 3.0 |
| 9                | 64.4                              | 64.4 | 64.4 | 64.4 | 63.6 | 62.5 | 61.7 | 60.9 | - 4.4                       | - 5.5 | - 6.7 | - 3.5 | 0.7   | 3.7   | 0.5   | - 2.9 |
| 10               | 60.5                              | 60.0 | 60.4 | 60.8 | 60.9 | 60.6 | 60.5 | 60.4 | - 4.9                       | - 6.3 | - 7.6 | - 5.0 | - 10. | 2.8   | - 1.0 | - 4.4 |
| 11               | 59.8                              | 59.5 | 59.1 | 58.4 | 57.6 | 56.6 | 56.0 | 54.7 | - 5.4                       | - 6.7 | - 8.6 | - 4.5 | 1.6   | 3.3   | 0.1   | - 0.3 |
| 12               | 53.5                              | 51.9 | 52.0 | 52.5 | 53.2 | 54.4 | 56.6 | 58.6 | - 0.2                       | 0.3   | - 2.1 | - 2.1 | - 1.3 | 0.1   | - 1.6 | - 3.0 |
| 13               | 60.1                              | 62.0 | 63.5 | 65.2 | 66.1 | 66.5 | 67.2 | 67.2 | - 3.4                       | - 5.8 | - 9.8 | - 8.6 | - 5.8 | - 3.2 | - 9.0 | -10.4 |
| 14               | 67.4                              | 67.8 | 67.8 | 67.4 | 67.2 | 67.0 | 66.7 | 66.5 | -12.4                       | -13.6 | -10.2 | - 6.2 | - 3.1 | - 2.2 | - 2.4 | - 2.0 |
| 15               | 66.4                              | 66.1 | 65.8 | 66.1 | 66.1 | 65.7 | 65.3 | 65.3 | - 1.8                       | - 1.5 | - 1.2 | - 0.1 | 1.2   | 2.0   | 0.6   | 0.5   |
| 16               | 65.1                              | 63.9 | 63.0 | 62.6 | 61.4 | 61.2 | 61.6 | 62.2 | 0.2                         | 0.1   | 0.4   | 0.7   | 2.0   | 2.6   | 0.3   | - 0.4 |
| 17               | 62.8                              | 63.4 | 63.6 | 64.7 | 64.3 | 63.5 | 63.3 | 63.4 | - 1.7                       | - 3.1 | - 4.8 | - 3.0 | 1.6   | 2.8   | 0.5   | - 1.8 |
| 18               | 63.2                              | 62.8 | 62.7 | 62.3 | 62.1 | 61.0 | 60.5 | 59.9 | - 3.2                       | - 4.2 | - 5.5 | - 3.5 | - 2.0 | - 2.6 | - 3.5 | - 4.1 |
| 19               | 58.8                              | 58.0 | 56.7 | 56.3 | 55.7 | 55.2 | 54.9 | 54.2 | - 3.4                       | - 2.7 | - 2.2 | - 2.0 | - 0.8 | 0.5   | - 1.2 | - 2.2 |
| 20               | 54.0                              | 53.4 | 53.5 | 53.7 | 53.9 | 53.9 | 54.1 | 54.3 | - 2.7                       | - 3.0 | - 2.4 | - 1.4 | 0.4   | 1.3   | 0.8   | 0.2   |
| 21               | 54.5                              | 54.6 | 54.9 | 55.3 | 55.6 | 55.7 | 55.7 | 55.8 | 0.2                         | 0.1   | 0.0   | 1.4   | 1.2   | 2.0   | 0.6   | - 0.7 |
| 22               | 55.7                              | 55.3 | 55.3 | 54.7 | 53.9 | 53.3 | 52.5 | 51.3 | - 0.8                       | - 0.9 | - 1.0 | - 0.1 | 1.0   | 1.2   | 0.8   | 1.0   |
| 23               | 49.2                              | 47.0 | 44.5 | 41.9 | 39.9 | 38.7 | 38.0 | 37.0 | 1.2                         | 1.2   | 0.8   | 1.3   | 5.2   | 7.8   | 5.6   | 4.0   |
| 24               | 37.3                              | 38.0 | 39.5 | 40.2 | 40.1 | 40.0 | 40.1 | 41.1 | 2.7                         | 1.5   | 1.0   | 2.3   | 3.0   | 1.6   | - 0.8 | - 5.4 |
| 25               | 43.1                              | 45.2 | 46.6 | 47.1 | 46.3 | 46.3 | 46.3 | 46.6 | - 8.6                       | -12.1 | -14.1 | -12.4 | - 8.0 | - 8.2 | - 8.8 | - 9.3 |
| 26               | 46.8                              | 47.0 | 47.2 | 47.2 | 47.4 | 47.6 | 48.1 | 48.6 | -10.6                       | -11.4 | -11.8 | - 9.5 | - 7.6 | - 7.3 | - 7.9 | - 7.8 |
| 27               | 48.9                              | 48.9 | 49.5 | 50.4 | 51.6 | 52.6 | 53.6 | 54.5 | - 8.0                       | - 8.6 | - 9.2 | - 8.8 | - 8.9 | -10.0 | -11.3 | -12.6 |
| 28               | 55.1                              | 55.3 | 55.6 | 56.1 | 55.8 | 54.7 | 53.8 | 52.5 | -13.4                       | -14.0 | -13.2 | - 9.1 | - 5.6 | - 4.5 | - 5.0 | - 5.0 |
| 29               | 51.5                              | 50.1 | 48.6 | 49.0 | 49.7 | 50.5 | 51.6 | 52.5 | - 4.0                       | - 3.0 | - 2.2 | 0.0   | 3.3   | 4.4   | 3.5   | 1.4   |
| 30               | 53.4                              | 54.0 | 55.0 | 56.5 | 57.2 | 57.7 | 58.5 | 59.9 | 0.4                         | - 0.9 | - 1.8 | 0.9   | 3.8   | 5.2   | 2.7   | - 0.7 |
| 31               | 60.7                              | 60.6 | 60.8 | 60.7 | 59.2 | 58.2 | 58.2 | 57.8 | - 2.6                       | - 4.0 | - 4.4 | 1.3   | 3.7   | 2.0   | - 0.5 | - 0.5 |

## Ergänzende Beobachtungen um 21h.

|                | 1    | 2    | 3     | 4     | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14    | 15   |
|----------------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|-------|------|
| Luftdruck      | 53.1 | 66.7 | 73.5  | 76.1  | 75.0 | 67.0 | 69.3 | 64.3 | 61.0 | 60.3 | 55.3 | 57.8 | 67.1 | 66.6  | 65.3 |
| õhurõhumine    |      |      |       |       |      |      |      |      |      |      |      |      |      |       |      |
| Temperatur     | -6.3 | -7.8 | -7.2  | -3.5  | -0.6 | -3.2 | -5.1 | -2.4 | -1.8 | -3.6 | -0.4 | -2.4 | -9.5 | -2.0  | 0.6  |
| temperatuur    |      |      |       |       |      |      |      |      |      |      |      |      |      |       |      |
| Relat. Feucht. | 70   | 74   | 81    | 66    | 45   | 70   | 61   | 82   | 66   | 80   | 94   | 86   | 81   | 86    | 93   |
| relat. niiskus |      |      |       |       |      |      |      |      |      |      |      |      |      |       |      |
| Bewölkung      | 0    | 0    | 0     | 0     | 0    | 0    | 0    | 0    | 1    | 0    | 10   | 10   | 0    | 10    | 10   |
| pilwitus       |      |      |       |       |      |      |      |      |      |      |      |      |      |       |      |
| Tempe- (max.   | -0.3 | -2.1 | -2.0  | 3.0   | 6.7  | 2.2  | -0.3 | 2.5  | 3.8  | 3.0  | 4.6  | 0.2  | -2.4 | -2.0  | 2.2  |
| ratur (min.    | -9.1 | -8.0 | -13.0 | -10.6 | -6.0 | -6.2 | -8.0 | -9.0 | -7.6 | -8.2 | -8.8 | -2.8 | -9.8 | -13.5 | -2.4 |

## März 1918 Märts.

| Datum<br>Kuupäev. | Relative Feuchtigkeit<br>relatiivne niiskus |    |    |     |     |     |     |     | Absolute Feuch-<br>tigkeit<br>absoluutne niis-<br>kus |     |     | Kompletive<br>Feuchtigkeit<br>täisniiskuse<br>puudus |     |     | Feuchtes Thermo-<br>meter<br>märg termomeeter |        |        |
|-------------------|---|----|----|-----|-----|-----|-----|-----|---|-----|-----|--|-----|-----|---|--------|--------|
|                   | 1h  | 4h | 7h | 10h | 13h | 16h | 19h | 22h | 7h  | 13h | 21h | 7h   | 13h | 21h | 7h  | 13h    | 21h    |
| 1                 | 69  | 72 | 76 | 68  | 56  | 52  | 65  | 73  | 1.8   | 2.2 | 2.0 | 0.6  | 1.8 | 0.9 | — 9.6   | — 4.2  | — 7.6  |
| 2                 | 73  | 73 | 70 | 71  | 55  | 56  | 68  | 78  | 2.1   | 1.9 | 1.9 | 0.9  | 1.5 | 0.7 | — 6.8   | — 6.2  | — 8.9  |
| 3                 | 84  | 87 | 89 | 89  | 63  | 64  | 75  | 84  | 1.6   | 2.2 | 2.2 | 0.2  | 1.3 | 0.5 | — 12.4  | — 5.6  | — 7.9  |
| 4                 | 87  | 86 | 81 | 67  | 51  | 46  | 54  | 67  | 1.7   | 2.3 | 2.3 | 0.4  | 2.2 | 1.2 | — 11.0  | — 2.9  | — 5.2  |
| 5                 | 70  | 63 | 61 | 51  | 31  | 30  | 42  | 48  | 2.1   | 1.9 | 2.0 | 1.3  | 4.2 | 2.4 | — 6.0   | — 0.5  | — 3.6  |
| 6                 | 58  | 68 | 70 | 64  | 52  | 56  | 67  | 70  | 2.2   | 2.6 | 2.5 | 0.9  | 2.4 | 1.1 | — 6.5   | — 1.1  | — 4.6  |
| 7                 | 78  | 92 | 84 | 73  | 58  | 52  | 58  | 65  | 2.1   | 2.2 | 1.9 | 0.4  | 1.6 | 1.2 | — 8.5   | — 4.6  | — 6.9  |
| 8                 | 75  | 78 | 80 | 74  | 61  | 65  | 75  | 83  | 2.1   | 2.9 | 3.2 | 0.5  | 1.9 | 0.7 | — 8.4   | — 1.7  | — 3.3  |
| 9                 | 86  | 90 | 92 | 76  | 61  | 57  | 60  | 72  | 2.6   | 2.9 | 2.6 | 0.2  | 1.9 | 1.4 | — 7.0   | — 1.7  | — 3.5  |
| 10                | 84  | 88 | 94 | 86  | 62  | 52  | 71  | 83  | 2.4   | 2.6 | 2.8 | 0.2  | 1.6 | 0.7 | — 7.8   | — 2.8  | — 4.3  |
| 11                | 86  | 90 | 94 | 81  | 54  | 61  | 89  | 95  | 2.3   | 2.8 | 4.2 | 0.1  | 2.4 | 0.3 | — 8.6   | — 0.8  | — 0.7  |
| 12                | 90  | 93 | 84 | 82  | 81  | 80  | 85  | 85  | 3.3   | 3.4 | 3.3 | 0.6  | 0.8 | 0.5 | — 2.8   | — 2.2  | — 3.0  |
| 13                | 79  | 80 | 80 | 70  | 62  | 60  | 73  | 82  | 1.8   | 1.8 | 1.8 | 0.4  | 1.1 | 0.4 | — 10.4  | — 7.2  | — 10.1 |
| 14                | 83  | 72 | 66 | 64  | 64  | 67  | 85  | 87  | 1.4   | 2.3 | 3.4 | 0.7  | 1.3 | 0.6 | — 11.0  | — 4.7  | — 2.8  |
| 15                | 88  | 90 | 92 | 91  | 86  | 85  | 91  | 94  | 3.8   | 4.3 | 4.4 | 0.3  | 0.7 | 0.3 | — 1.6   | 0.4    | 0.2    |
| 16                | 96  | 95 | 95 | 93  | 79  | 75  | 86  | 91  | 4.4   | 4.2 | 4.1 | 0.3  | 1.1 | 0.4 | 0.1   | 0.7    | — 0.7  |
| 17                | 93  | 92 | 91 | 91  | 60  | 43  | 57  | 63  | 2.9   | 3.1 | 2.5 | 0.3  | 2.0 | 1.7 | — 5.2   | — 0.4  | — 3.2  |
| 18                | 68  | 75 | 80 | 73  | 68  | 81  | 87  | 93  | 2.4   | 2.7 | 3.2 | 0.6  | 1.3 | 0.3 | — 6.2   | — 3.3  | — 4.1  |
| 19                | 92  | 92 | 93 | 92  | 81  | 79  | 86  | 90  | 3.6   | 3.5 | 3.5 | 0.3  | 0.8 | 0.5 | — 2.6   | — 1.8  | — 2.4  |
| 20                | 93  | 92 | 91 | 92  | 90  | 85  | 86  | 89  | 3.5   | 4.2 | 4.1 | 0.4  | 0.5 | 0.6 | — 2.8   | — 0.3  | — 0.3  |
| 21                | 93  | 93 | 90 | 88  | 83  | 78  | 83  | 93  | 4.1   | 4.1 | 4.0 | 0.5  | 0.8 | 0.4 | — 0.5   | 0.2    | — 1.1  |
| 22                | 94  | 94 | 93 | 93  | 90  | 88  | 89  | 90  | 4.0   | 4.4 | 4.4 | 0.3  | 0.5 | 0.4 | — 1.2   | 0.4    | 0.1    |
| 23                | 88  | 90 | 96 | 96  | 69  | 43  | 52  | 64  | 4.7   | 4.6 | 3.9 | 0.2  | 2.0 | 2.4 | 0.6   | 3.0    | 1.8    |
| 24                | 69  | 78 | 75 | 62  | 70  | 78  | 83  | 81  | 3.7   | 4.0 | 2.7 | 1.2  | 1.7 | 0.6 | — 0.3   | 1.1    | — 5.3  |
| 25                | 70  | 67 | 59 | 61  | 47  | 63  | 74  | 80  | 0.9   | 1.2 | 1.8 | 0.6  | 1.3 | 0.5 | — 14.9  | — 9.9  | — 9.7  |
| 26                | 79  | 77 | 80 | 61  | 46  | 46  | 51  | 52  | 1.5   | 1.2 | 1.3 | 0.4  | 1.4 | 1.2 | — 12.2  | — 9.5  | — 9.4  |
| 27                | 52  | 57 | 70 | 55  | 52  | 52  | 58  | 64  | 1.6   | 1.2 | 1.1 | 0.7  | 1.1 | 0.7 | — 10.0  | — 10.3 | — 13.0 |
| 28                | 78  | 79 | 77 | 52  | 44  | 47  | 57  | 60  | 1.3   | 1.3 | 1.9 | 0.4  | 1.7 | 1.3 | — 13.6  | — 7.8  | — 6.6  |
| 29                | 67  | 66 | 85 | 83  | 55  | 51  | 57  | 63  | 3.3   | 3.2 | 3.2 | 0.6  | 2.6 | 1.9 | — 2.8   | 0.3    | — 0.4  |
| 30                | 58  | 60 | 65 | 59  | 47  | 44  | 53  | 67  | 2.6   | 2.8 | 2.7 | 1.4  | 3.2 | 1.8 | — 3.6   | 0.2    | — 2.4  |
| 31                | 75  | 83 | 87 | 49  | 36  | 49  | 80  | 88  | 2.9   | 2.1 | 3.8 | 0.4  | 3.8 | 0.6 | — 5.0   | 0.0    | — 1.2  |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25    | 26    | 27    | 28    | 29   | 30   | 31   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------------------|
| 62.0 | 63.3 | 60.1 | 54.4 | 54.2 | 55.8 | 52.1 | 37.6 | 40.8 | 46.6  | 48.4  | 54.3  | 52.9  | 52.3 | 59.3 | 57.9 | 59.05            |
| -0.3 | -1.1 | -3.7 | -1.9 | 0.4  | -0.7 | 0.6  | 4.5  | -4.5 | -9.2  | -7.8  | -12.2 | -5.0  | 1.7  | -0.2 | -0.5 | -3.07            |
| 91   | 60   | 91   | 90   | 87   | 92   | 91   | 62   | 83   | 80    | 52    | 62    | 60    | 63   | 61   | 86   | 76               |
| 10   | 1    | 10   | 10   | 10   | 10   | 9    | 2    | 10   | 3     | 9     | 1     | 6     | 9    | 2    | 10   | 4.9              |
| 3.0  | 3.0  | -1.0 | 1.1  | 1.3  | 2.6  | 1.2  | 8.2  | 4.5  | -4.4  | -7.0  | -7.6  | -3.2  | 4.5  | 6.0  | 4.5  | 1.15             |
| -0.7 | -5.3 | -6.1 | -4.1 | -3.0 | -1.0 | -1.8 | 0.5  | -4.7 | -14.5 | -12.9 | -12.2 | -15.4 | -5.1 | -2.5 | -6.0 | -7.03            |



## März 1918 Märts.

| Datum<br>Kuupäew | Windgeschwindigkeit<br>Tuule kiirus<br>m/sek. |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |   |   |     |     |
|------------------|---|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|-----|
|                  |   |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |   |   |     |     |
|                  | 1h  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N | E | S   | W   |
| 1                | 4.8   | 4.5 | 3.9 | 3.9 | 4.2 | 3.4 | 3.0 | 2.7 | 0.3               | —   | 0.3 | 4.6 | —   | —   | 0.5 | 4.4 | —   | —   | 0.7 | 3.7 | — | — | 0.7 | 3.7 |
| 2                | 2.0   | 1.8 | 1.1 | 1.4 | 0.8 | 0.7 | 0.8 | 0.4 | —                 | —   | —   | 2.1 | —   | —   | —   | 1.9 | —   | 0.3 | 0.3 | 0.8 | — | — | 1.0 | —   |
| 3                | 0.4   | 0.4 | 0.9 | 1.7 | 1.8 | 1.8 | 1.9 | 2.2 | —                 | —   | —   | —   | —   | —   | —   | —   | —   | —   | —   | —   | — | — | —   | —   |
| 4                | 2.5   | 1.5 | 0.9 | 1.4 | 1.2 | 0.7 | 1.0 | 1.2 | —                 | 2.2 | 0.7 | —   | —   | 1.3 | 0.5 | —   | —   | 0.3 | 0.7 | —   | — | — | 0.7 | —   |
| 5                | 0.7   | 0.5 | 0.7 | 0.6 | 1.1 | 0.8 | 1.4 | 2.3 | —                 | —   | 0.8 | —   | —   | —   | 0.6 | —   | —   | —   | 0.8 | —   | — | — | 0.8 | —   |
| 6                | 1.8   | 3.0 | 3.3 | 3.7 | 2.8 | 2.2 | 2.4 | 2.4 | —                 | 0.6 | 1.5 | 0.1 | —   | —   | 1.1 | 2.5 | 0.1 | —   | 0.3 | 3.2 | — | — | 0.3 | 3.2 |
| 7                | 2.3   | 2.4 | 1.9 | 2.2 | 2.4 | 2.2 | 2.2 | 2.4 | 1.7               | —   | —   | 0.7 | 2.3 | 0.1 | —   | 0.3 | 1.8 | 0.1 | —   | 0.4 | — | — | —   | 0.4 |
| 8                | 4.2   | 4.8 | 3.5 | 3.9 | 4.8 | 3.7 | 3.4 | 3.7 | 0.2               | —   | 0.2 | 4.1 | 0.3 | —   | 0.1 | 4.4 | 0.3 | —   | —   | 3.5 | — | — | —   | 3.5 |
| 9                | 3.3   | 3.6 | 2.7 | 2.4 | 3.0 | 3.0 | 3.5 | 3.8 | 0.3               | —   | —   | 3.4 | 0.3 | —   | —   | 3.6 | 0.1 | —   | 0.1 | 2.7 | — | — | 0.1 | 2.7 |
| 10               | 3.6   | 3.3 | 2.7 | 1.1 | 1.5 | 1.3 | 1.0 | 1.5 | 0.2               | —   | —   | 3.6 | 0.1 | —   | 0.1 | 3.3 | 0.3 | —   | —   | 2.6 | — | — | —   | 2.6 |
| 11               | 0.7   | 0.7 | 1.1 | 1.5 | 2.6 | 3.8 | 3.5 | 3.6 | —                 | —   | 0.8 | —   | —   | —   | 0.4 | 0.5 | —   | —   | 0.3 | 1.0 | — | — | —   | 1.0 |
| 12               | 3.9   | 4.4 | 3.2 | 2.7 | 3.0 | 3.6 | 4.0 | 3.4 | 0.1               | —   | 1.3 | 3.3 | 0.4 | —   | 0.8 | 3.7 | 1.2 | —   | —   | 2.6 | — | — | —   | 2.6 |
| 13               | 3.0   | 2.5 | 3.0 | 2.5 | 3.0 | 2.0 | 1.7 | 1.3 | 1.2               | 2.4 | 0.1 | —   | 0.5 | 2.3 | 0.1 | —   | 0.2 | 2.8 | 0.3 | —   | — | — | —   | —   |
| 14               | 2.8   | 1.8 | 3.7 | 3.4 | 3.9 | 4.2 | 4.0 | 4.2 | —                 | 0.3 | 2.6 | —   | —   | —   | 1.0 | 1.1 | —   | —   | 1.2 | 3.1 | — | — | —   | 3.1 |
| 15               | 4.5   | 4.5 | 5.1 | 5.4 | 5.7 | 4.9 | 5.7 | 4.7 | 0.1               | —   | 0.2 | 4.3 | 0.1 | —   | 1.0 | 4.1 | 0.1 | —   | 0.5 | 4.7 | — | — | —   | 4.7 |
| 16               | 4.8   | 5.0 | 5.1 | 5.7 | 5.7 | 4.9 | 4.5 | 4.0 | 0.5               | —   | 0.2 | 4.5 | 0.2 | —   | 0.7 | 4.5 | 0.4 | —   | 0.3 | 4.7 | — | — | —   | 4.7 |
| 17               | 3.7   | 1.8 | 1.9 | 2.0 | 2.7 | 2.6 | 3.0 | 2.7 | 0.6               | —   | 0.1 | 3.5 | 0.6 | —   | —   | 1.6 | 0.3 | —   | —   | 1.9 | — | — | —   | 1.9 |
| 18               | 3.3   | 4.0 | 3.6 | 3.5 | 4.3 | 4.3 | 4.5 | 4.8 | —                 | —   | 0.1 | 3.3 | 0.2 | —   | 0.1 | 4.0 | 0.2 | —   | —   | 3.6 | — | — | —   | 3.6 |
| 19               | 5.1   | 5.0 | 4.5 | 4.9 | 5.1 | 4.6 | 4.2 | 3.6 | 0.2               | —   | 0.7 | 4.7 | 0.2 | —   | 0.7 | 4.6 | 0.3 | —   | 0.6 | 4.3 | — | — | —   | 4.3 |
| 20               | 3.1   | 2.4 | 1.4 | 1.4 | 1.3 | 1.3 | 0.6 | 0.9 | 0.3               | —   | 0.2 | 2.9 | 0.3 | —   | —   | 2.4 | 0.1 | —   | 0.1 | 1.3 | — | — | —   | 1.3 |
| 21               | 0.9   | 1.2 | 2.2 | 2.7 | 3.0 | 3.1 | 3.1 | 3.6 | —                 | —   | 0.2 | 0.7 | —   | —   | —   | 1.3 | —   | —   | 0.2 | 2.2 | — | — | —   | 2.2 |
| 22               | 3.6   | 3.6 | 3.8 | 4.0 | 4.9 | 5.1 | 4.9 | 5.0 | 0.3               | —   | 0.2 | 3.4 | 0.2 | —   | 0.3 | 3.5 | 0.1 | —   | 0.5 | 3.6 | — | — | —   | 3.6 |
| 23               | 5.2   | 6.6 | 7.2 | 7.5 | 6.9 | 7.7 | 6.5 | 5.5 | 0.1               | —   | 1.5 | 4.5 | 0.1 | —   | 1.7 | 5.7 | 0.4 | —   | 1.3 | 6.4 | — | — | —   | 6.4 |
| 24               | 4.8   | 4.9 | 4.6 | 4.3 | 4.2 | 3.3 | 3.6 | 6.0 | 1.8               | —   | —   | 3.9 | 2.0 | —   | 0.1 | 3.9 | 2.6 | —   | —   | 3.0 | — | — | —   | 3.0 |
| 25               | 6.3   | 6.2 | 5.0 | 3.6 | 4.8 | 4.4 | 3.6 | 2.9 | 3.1               | 4.7 | —   | —   | 3.6 | 4.1 | —   | —   | 3.0 | 2.9 | —   | —   | — | — | —   | —   |
| 26               | 3.0   | 2.9 | 3.8 | 5.3 | 5.4 | 5.1 | 2.9 | 2.6 | 2.0               | —   | —   | 1.7 | 1.8 | —   | —   | 1.8 | 2.3 | —   | —   | 2.4 | — | — | —   | 2.4 |
| 27               | 2.9   | 2.9 | 3.6 | 4.9 | 4.6 | 3.7 | 2.1 | 0.6 | 1.4               | —   | —   | 2.0 | 1.3 | —   | —   | 2.1 | 2.3 | —   | —   | 2.1 | — | — | —   | 2.1 |
| 28               | 1.6   | 2.1 | 2.3 | 2.7 | 3.0 | 3.5 | 2.7 | 4.2 | 0.1               | —   | 0.1 | 1.5 | —   | —   | 0.4 | 1.9 | —   | —   | 0.7 | 1.9 | — | — | —   | 1.9 |
| 29               | 4.6   | 5.3 | 7.8 | 8.3 | 7.6 | 6.4 | 4.3 | 5.0 | —                 | —   | 2.8 | 2.9 | —   | —   | 3.0 | 3.6 | —   | —   | 3.4 | 6.0 | — | — | —   | 6.0 |
| 30               | 5.9   | 4.1 | 4.1 | 4.3 | 3.4 | 3.0 | 1.5 | 1.7 | —                 | —   | 2.4 | 4.7 | —   | —   | 2.1 | 2.9 | —   | —   | 2.3 | 2.7 | — | — | —   | 2.7 |
| 31               | 1.5   | 1.9 | 3.4 | 5.3 | 7.4 | 7.0 | 6.7 | 5.1 | —                 | 1.1 | 0.8 | —   | —   | 1.9 | 0.7 | —   | —   | 2.8 | 1.0 | —   | — | — | —   | —   |

## T a g e s m i t t e l

|                | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck      | 48.88 | 61.74 | 71.69 | 75.60 | 76.38 | 70.21 | 69.10 | 65.59 | 63.30 | 60.51 | 57.71 | 54.09 | 64.72 | 67.22 | 65.85 |
| Öhurõhumine    | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     | —     |
| Temperatuur    | -5.41 | -5.84 | -7.84 | -4.78 | -0.66 | -2.16 | -4.65 | -3.45 | -2.26 | -3.42 | -2.56 | -1.31 | -7.00 | -6.50 | -0.04 |
| Relat. Feucht. | 66    | 68    | 79    | 67    | 50    | 63    | 70    | 74    | 74    | 78    | 81    | 85    | 73    | 74    | 90    |
| Absol. Feucht. | 2.00  | 1.97  | 2.00  | 2.10  | 2.00  | 2.43  | 2.07  | 2.73  | 2.70  | 2.60  | 3.10  | 3.33  | 1.80  | 2.37  | 4.17  |
| Kompl. Feucht. | 1.10  | 1.03  | 0.67  | 1.27  | 2.63  | 1.47  | 1.07  | 1.03  | 1.17  | 0.83  | 0.93  | 0.63  | 0.63  | 0.87  | 0.43  |

## März 1918 Märts.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |
| —                                    | —   | 0.8 | 3.6 | —   | —   | 0.5 | 4.0 | 0.3 | —   | 0.1 | 3.4 | —   | —   | —   | 3.1 | —   | —   | —   | 2.8 | 0.08            | —    | 0.36 | 3.70 |
| 1.0                                  | 0.4 | —   | 0.1 | 0.5 | 0.3 | 0.2 | —   | —   | 0.4 | 0.4 | —   | —   | 0.9 | —   | —   | —   | —   | —   | —   | 0.19            | 0.29 | 0.11 | 0.61 |
| —                                    | —   | 1.8 | —   | —   | 0.9 | 0.9 | —   | —   | 1.6 | 0.6 | —   | —   | 1.7 | 0.6 | —   | —   | 1.9 | 0.7 | —   | —               | 0.76 | 0.70 | —    |
| —                                    | —   | 1.5 | —   | —   | 0.6 | 0.8 | —   | —   | —   | 0.8 | —   | —   | —   | 1.1 | —   | —   | 0.7 | 0.9 | —   | —               | 0.64 | 0.88 | —    |
| —                                    | —   | 0.7 | —   | —   | 0.3 | 1.0 | —   | —   | —   | 0.9 | —   | —   | 0.2 | 1.3 | —   | —   | —   | 2.4 | 0.1 | —               | 0.06 | 1.06 | 0.01 |
| —                                    | —   | 1.3 | 2.7 | 0.2 | —   | 0.6 | 2.4 | —   | —   | 0.3 | 2.1 | 0.2 | —   | —   | 2.2 | 0.4 | —   | —   | 1.9 | 0.11            | 0.08 | 0.64 | 2.14 |
| 2.0                                  | 0.2 | —   | 0.5 | 1.7 | 0.2 | —   | 1.0 | 1.8 | 0.2 | —   | 0.7 | 1.7 | —   | —   | 1.1 | 0.1 | —   | 0.1 | 2.3 | 1.64            | 0.10 | 0.01 | 0.88 |
| 0.7                                  | —   | —   | 3.6 | 0.3 | —   | 0.2 | 4.7 | 0.2 | —   | 0.3 | 3.6 | 0.1 | —   | 0.1 | 3.4 | 0.1 | —   | 0.2 | 3.7 | 0.28            | —    | 0.14 | 3.88 |
| 0.1                                  | —   | 0.1 | 2.5 | 0.1 | —   | 0.4 | 2.8 | —   | —   | 0.4 | 2.9 | 0.1 | —   | 0.3 | 3.4 | 0.1 | —   | 0.2 | 3.7 | 0.14            | —    | 0.19 | 3.12 |
| 0.1                                  | —   | 0.1 | 1.0 | —   | —   | 0.1 | 1.5 | —   | —   | 0.8 | 0.8 | —   | —   | 1.1 | —   | —   | 0.4 | 1.1 | —   | 0.09            | 0.05 | 0.41 | 1.60 |
| —                                    | —   | 1.0 | 0.9 | —   | —   | 1.3 | 2.0 | —   | —   | 0.8 | 3.4 | 0.1 | —   | 0.5 | 3.3 | —   | —   | 0.9 | 3.3 | 0.01            | —    | 0.75 | 1.80 |
| 2.0                                  | —   | —   | 1.3 | 2.3 | 0.5 | —   | 0.8 | 2.8 | 1.5 | —   | 0.1 | 2.9 | 2.1 | —   | 0.1 | 1.8 | 2.3 | —   | —   | 1.69            | 0.80 | 0.26 | 1.49 |
| 0.3                                  | 2.3 | 0.2 | —   | 0.1 | 2.8 | 0.4 | —   | 0.3 | 1.7 | 0.4 | —   | —   | 1.1 | 0.8 | —   | —   | 0.2 | 1.3 | —   | 0.32            | 1.95 | 0.45 | —    |
| 0.1                                  | —   | 1.1 | 2.8 | 0.1 | —   | 0.8 | 3.6 | 0.2 | —   | 0.5 | 3.9 | 0.2 | —   | 0.3 | 3.8 | 0.1 | —   | 0.1 | 4.1 | 0.08            | 0.04 | 0.95 | 2.80 |
| 0.3                                  | —   | 0.2 | 5.2 | 0.3 | —   | 0.4 | 5.3 | 0.3 | —   | 0.4 | 4.7 | 0.4 | —   | 0.5 | 5.2 | 0.5 | —   | 0.1 | 4.4 | 0.26            | —    | 0.41 | 4.74 |
| 0.3                                  | —   | 0.6 | 5.4 | 0.3 | —   | 0.4 | 5.3 | 0.6 | —   | 0.3 | 4.5 | 0.3 | —   | 0.1 | 4.4 | 0.6 | —   | —   | 3.7 | 0.40            | —    | 0.32 | 4.62 |
| 0.1                                  | —   | —   | 2.0 | 1.1 | 0.3 | —   | 1.9 | 1.3 | 0.3 | —   | 1.6 | 0.4 | —   | —   | 2.9 | 0.3 | —   | —   | 2.7 | 0.59            | 0.08 | 0.01 | 2.26 |
| 0.3                                  | 0.1 | 0.3 | 3.3 | 0.2 | —   | 0.4 | 4.1 | 0.4 | —   | 0.1 | 4.1 | 0.2 | —   | 0.4 | 4.3 | 0.4 | —   | 0.6 | 4.6 | 0.24            | 0.01 | 0.25 | 3.91 |
| 0.4                                  | —   | 0.8 | 4.5 | 0.5 | —   | 0.6 | 4.5 | 0.8 | —   | 0.2 | 4.2 | 0.2 | —   | 0.2 | 4.0 | 0.2 | —   | 0.3 | 3.4 | 0.35            | —    | 0.51 | 4.28 |
| 0.1                                  | —   | —   | 1.2 | 0.2 | —   | 0.2 | 1.2 | —   | —   | 0.2 | 1.3 | —   | —   | —   | 0.6 | —   | —   | 0.3 | 0.8 | 0.12            | —    | 0.12 | 1.46 |
| 0.1                                  | —   | 0.3 | 2.5 | 0.1 | —   | 0.1 | 3.0 | —   | —   | 0.4 | 3.0 | —   | —   | 0.4 | 3.0 | 0.2 | —   | 0.2 | 3.5 | 0.05            | —    | 0.22 | 2.40 |
| 0.1                                  | —   | 0.5 | 3.7 | 0.2 | —   | 0.8 | 4.5 | 0.2 | —   | 0.7 | 4.8 | 0.1 | —   | 0.8 | 4.5 | —   | —   | 1.3 | 4.4 | 0.15            | —    | 0.64 | 4.05 |
| 0.5                                  | —   | 1.1 | 6.8 | 1.1 | —   | 0.6 | 6.0 | 2.7 | —   | 0.1 | 6.4 | 1.9 | —   | 0.1 | 5.6 | 1.6 | —   | —   | 4.7 | 1.05            | —    | 0.80 | 5.76 |
| 3.3                                  | —   | —   | 1.8 | 1.6 | —   | —   | 3.4 | 2.2 | 0.1 | —   | 1.7 | 2.5 | 1.5 | —   | 0.4 | 3.5 | 3.9 | —   | —   | 2.44            | 0.69 | 0.01 | 2.26 |
| 2.7                                  | 0.3 | 0.1 | 1.4 | 3.3 | 0.1 | —   | 2.5 | 3.4 | 0.2 | —   | 1.7 | 2.6 | 0.1 | —   | 1.7 | 1.9 | —   | —   | 1.7 | 2.95            | 1.55 | 0.01 | 1.12 |
| 3.4                                  | —   | —   | 3.1 | 3.6 | —   | —   | 2.7 | 2.8 | —   | —   | 2.9 | 1.5 | —   | —   | 2.1 | 1.5 | —   | —   | 1.6 | 2.36            | —    | —    | 2.29 |
| 3.8                                  | 0.7 | —   | 1.6 | 3.8 | 1.2 | —   | 0.5 | 3.2 | 0.7 | —   | 0.4 | 1.5 | 0.9 | —   | 0.1 | 0.2 | —   | —   | 0.5 | 2.19            | 0.44 | —    | 1.16 |
| —                                    | —   | 1.6 | 1.7 | —   | —   | 1.8 | 1.8 | —   | —   | 1.9 | 2.5 | —   | —   | 2.1 | 1.0 | —   | —   | 2.8 | 2.4 | 0.01            | —    | 1.42 | 1.84 |
| 0.1                                  | —   | 3.2 | 6.9 | 0.2 | —   | 2.3 | 6.5 | 0.1 | —   | 2.2 | 5.5 | —   | —   | 1.8 | 3.5 | —   | —   | 2.2 | 3.7 | 0.05            | —    | 2.61 | 4.82 |
| —                                    | —   | 2.3 | 3.0 | 0.2 | —   | 2.1 | 2.1 | —   | —   | 2.1 | 1.4 | —   | —   | 1.3 | 0.3 | —   | 0.3 | 1.4 | 0.1 | 0.02            | 0.04 | 2.00 | 2.15 |
| —                                    | 4.1 | 1.9 | —   | —   | 5.5 | 2.7 | —   | —   | 5.7 | 2.4 | —   | —   | 5.0 | 2.7 | —   | —   | 3.7 | 2.3 | —   | —               | 3.72 | 1.81 | —    |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25     | 26    | 27    | 28    | 29    | 30    | 31    | Mittel keskm |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|--------------|
| 62.62 | 63.62 | 61.81 | 56.22 | 53.85 | 55.26 | 54.00 | 42.02 | 39.54 | 45.94  | 47.49 | 51.25 | 54.86 | 50.44 | 56.52 | 59.52 | 58.95        |
| 0.74  | -1.19 | -3.58 | -1.75 | -0.85 | 0.60  | 0.15  | 3.39  | 0.74  | -10.19 | -9.24 | -9.68 | -8.72 | 0.42  | 1.20  | -0.62 | -3.11        |
| 89    | 74    | 78    | 88    | 90    | 88    | 91    | 75    | 74    | 65     | 62    | 58    | 62    | 66    | 57    | 68    | 73           |
| 4.23  | 2.83  | 2.77  | 3.53  | 3.93  | 4.07  | 4.27  | 4.40  | 3.47  | 1.30   | 1.33  | 1.30  | 1.50  | 3.23  | 2.70  | 2.93  | 2.75         |
| 0.60  | 1.33  | 0.73  | 0.53  | 0.50  | 0.57  | 0.40  | 1.53  | 1.17  | 0.80   | 1.00  | 0.83  | 1.13  | 1.70  | 2.13  | 1.60  | 1.04         |

## März 1918 Märts.

| Datum<br>Kupäew | Bewölkung  |     |     |     |     |     |            |          |            |         |        |         | Pilwitus |  |  |  |  |  |
|-----------------|--|-----|-----|-----|-----|-----|------------|----------|------------|---------|--------|---------|----------|--|--|--|--|--|
|                 | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m    |          |            |         |        |         | K u j u  |  |  |  |  |  |
|                 | 7h   | 10h | 13h | 16h | 19h | 22h | 7h         | 10h      | 13h        | 16h     | 19h    | 21h     | 22h      |  |  |  |  |  |
|                 |  |     |     |     |     |     |            |          |            |         |        |         |          |  |  |  |  |  |
| 1               | 0  | 8   | 1   | 2   | 7   | 0   | ☉—         | ☉Cu      | ☉FrCu      | ☉FrCu   | AS,St  | —       | —        |  |  |  |  |  |
| 2               | 10   | 2   | 6   | 1   | 0   | 0   | Nb         | ☉St      | ☉ACu       | ☉FrSt   | —      | —       | —        |  |  |  |  |  |
| 3               | 1  | 2   | 9   | 9   | 4   | 0   | ☉CiS       | ☉Ci      | ☉Ci,CiS    | ☉CiS    | CiS    | —       | —        |  |  |  |  |  |
| 4               | 0  | 0   | 0   | 0   | 0   | 0   | ☉—         | ☉—       | ☉—         | ☉—      | —      | —       | —        |  |  |  |  |  |
| 5               | 0  | 0   | 0   | 0   | 0   | 0   | ☉—         | ☉—       | ☉—         | ☉—      | —      | —       | —        |  |  |  |  |  |
| 6               | 0  | 5   | 0   | 8   | 0   | 3   | ☉—         | ☉Ci      | ☉—         | ☉Ci,CiS | —      | —       | AS       |  |  |  |  |  |
| 7               | 0  | 0   | 0   | 1   | 8   | 0   | ☉—         | ☉—       | ☉—         | ☉CiS    | ☉CiS   | —       | —        |  |  |  |  |  |
| 8               | 8  | 3   | 0   | 0   | 0   | 0   | ☉CiS, CiCu | ☉Ci      | ☉—         | ☉—      | —      | —       | —        |  |  |  |  |  |
| 9               | 2  | 1   | 1   | 1   | 3   | 1   | ☉CiS       | ☉CiS     | ☉CiS       | ☉Ci     | AS     | AS      | AS       |  |  |  |  |  |
| 10              | 0  | 0   | 0   | 0   | 0   | 0   | ☉—         | ☉—       | ☉—         | ☉—      | —      | —       | —        |  |  |  |  |  |
| 11              | 10   | 0   | 0   | 3   | 10  | 10  | St         | ☉—       | ☉—         | ☉CiS    | St     | Nb      | St       |  |  |  |  |  |
| 12              | 10   | 10  | 10  | 10  | 10  | 10  | Nb         | St       | St         | St      | St     | St      | St       |  |  |  |  |  |
| 13              | 0  | 0   | 0   | 0   | 0   | 0   | ☉—         | ☉—       | ☉—         | ☉—      | —      | —       | —        |  |  |  |  |  |
| 14              | 7  | 9   | 10  | 10  | 10  | 10  | ACu,CiS    | ACu,CiS  | AS         | St      | St     | St      | St       |  |  |  |  |  |
| 15              | 10   | 10  | 10  | 9   | 10  | 10  | St         | St       | St         | AS      | St     | St      | St       |  |  |  |  |  |
| 16              | 10   | 10  | 7   | 3   | 2   | 10  | St         | St       | ☉CiCu, CiS | ☉Ci     | AS     | St      | St       |  |  |  |  |  |
| 17              | 10   | 5   | 2   | 3   | 1   | 1   | St         | ☉Ci,CiS  | ☉Ci,CiS    | ☉Ci,CiS | Ci     | Ci      | Ci       |  |  |  |  |  |
| 18              | 7  | 9   | 3   | 9   | 10  | 10  | ☉Ci, CiS   | ☉Ci, CiS | ☉Ci, CiS   | Cu      | St     | St      | St       |  |  |  |  |  |
| 19              | 10   | 10  | 10  | 10  | 10  | 10  | ≡          | Nb       | St         | St      | St     | ≡       | ≡        |  |  |  |  |  |
| 20              | 10   | 10  | 10  | 10  | 10  | 10  | ≡          | St,≡     | SCu,≡      | St,≡    | St,≡   | St,≡    | St,≡     |  |  |  |  |  |
| 21              | 10   | 10  | 10  | 4   | 1   | 10  | St         | AS,St    | St         | Cu,Ci   | AS     | ≡       | ≡        |  |  |  |  |  |
| 22              | 10   | 10  | 10  | 10  | 10  | 9   | ≡          | ≡        | ≡          | St      | St     | ACu     | ACu      |  |  |  |  |  |
| 23              | 10   | 10  | 1   | 0   | 1   | 0   | ≡          | ≡        | ☉CiSt      | ☉—      | ACu    | ACu     | —        |  |  |  |  |  |
| 24              | 8  | 6   | 8   | 10  | 10  | 10  | ☉SCu       | ☉FrCu    | ☉Cu,Nb     | SCu     | SCu    | Nb      | Nb       |  |  |  |  |  |
| 25              | 0  | 0   | 3   | 7   | 3   | 4   | ☉—         | ☉—       | ☉Ci,Cu     | ☉Nb     | St, Ci | ACu     | ACu      |  |  |  |  |  |
| 26              | 0  | 6   | 7   | 9   | 9   | 9   | ☉—         | ☉Cu,FrCu | ☉Cu,FrCu   | ☉SCu    | SCu    | SCu     | SCu      |  |  |  |  |  |
| 27              | 10   | 7   | 9   | 4   | 1   | 1   | SCu        | ☉Cu,St   | SCu        | ☉SCu    | SCu    | FrSt    | FrSt     |  |  |  |  |  |
| 28              | 1  | 3   | 1   | 9   | 10  | 6   | ☉CiCu      | ☉Ci,CiCu | ☉CiS,Ci    | Ci,CiCu | AS     | Ci,CiS  | Ci, CiS  |  |  |  |  |  |
| 29              | 10   | 10  | 10  | 10  | 10  | 10  | Nb         | Nb       | AS         | AS      | AS     | CiS, St | AS,St    |  |  |  |  |  |
| 30              | 2  | 4   | 9   | 7   | 5   | 0   | ☉Ci,CiS    | ☉Ci      | ☉Ci        | ☉Ci     | Ci     | Ci      | —        |  |  |  |  |  |
| 31              | 2  | 9   | 9   | 10  | 10  | 10  | ☉CiS       | ACu      | ACu,St     | St      | St     | St      | St       |  |  |  |  |  |

## Stundenmittel

## Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|-------|---------------------------------|-----------------------------------|--|
|                  | N                            | E    | S    | W    | N-S   | S-W   |                                 |                                   |  |
|                  |                              |      |      |      |       |       |                                 |                                   |  |
| 1                | 0.47                         | 0.36 | 0.57 | 2.27 | -0.11 | -1.91 | 267                             | 1.91                              | 3.25                                   |
| 4                | 0.47                         | 0.31 | 0.52 | 2.37 | -0.05 | -2.06 | 269                             | 2.06                              | 3.21                                   |
| 7                | 0.52                         | 0.30 | 0.54 | 2.40 | -0.02 | -2.10 | 270                             | 2.10                              | 3.29                                   |
| 10               | 0.70                         | 0.26 | 0.69 | 2.36 | 0.01  | -2.10 | 270                             | 2.10                              | 3.49                                   |
| 13               | 0.71                         | 0.41 | 0.63 | 2.52 | 0.08  | -2.11 | 272                             | 2.11                              | 3.75                                   |
| 16               | 0.76                         | 0.40 | 0.56 | 2.31 | 0.20  | -1.91 | 276                             | 1.92                              | 3.49                                   |
| 19               | 0.55                         | 0.44 | 0.53 | 2.06 | 0.01  | -1.63 | 270                             | 1.63                              | 3.17                                   |
| 22               | 0.44                         | 0.43 | 0.63 | 2.07 | -0.19 | -1.64 | 263                             | 1.65                              | 3.16                                   |
| Mittel<br>keskm. | 0.58                         | 0.36 | 0.58 | 2.30 | -0.01 | -1.93 | 270                             | 1.93                              | 3.35                                   |

## März 1918 Märts.

| Datum<br>Kuupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm.                  | B e m e r k u n g e n<br>M ä r k u s e d  |       |
|------------------|---------------------------------|--------|-------------------------------------|---|---|-------|
|                  | 7h—21h                          | 21h—7h |                                     |   |   |       |
| 1                | —                               | 0.0    | 0.4                                 | J ä ä k a t e.  | * <sup>0</sup> n  | cm. 4 |
| 2                | 0.0                             | —      | 0.3                                 |   | * <sup>0</sup> —7 <sup>h</sup> 15 <sup>m</sup>  | 4     |
| 3                | —                               | —      | 0.0                                 |   | 1-17 <sup>h</sup> ; □n  | 4     |
| 4                | —                               | —      | 0.3                                 |   |   | 4     |
| 5                | —                               | —      | 1.2                                 |   |   | 4     |
| 6                | —                               | —      | 0.8                                 |   |   | 2     |
| 7                | —                               | —      | 0.9                                 |   |   | 2     |
| 8                | —                               | —      | 0.3                                 |   |   | 2     |
| 9                | —                               | —      | 0.7                                 |   |   | 2     |
| 10               | —                               | —      | 0.4                                 |   |   | 2     |
| 11               | 0.1                             | 1.7    | 0.2                                 | E i s d e c k e.  | □a; *20 <sup>h</sup> —21 <sup>h</sup> 30 <sup>m</sup> , n.  | 2     |
| 12               | 0.0                             | —      | 0.2                                 |   | * <sup>0</sup> 7 <sup>h</sup> —8 <sup>h</sup> , 10 <sup>h</sup> 45 <sup>m</sup> —11 <sup>h</sup> 30 <sup>m</sup> .          | 2     |
| 13               | —                               | —      | 0.2                                 |   | □n.   | 2     |
| 14               | —                               | —      | 0.4                                 |   |   | 1     |
| 15               | —                               | —      | 0.0                                 |   |   | 1     |
| 16               | —                               | —      | 0.3                                 |   | ≡7 <sup>h</sup> ; ∇n.   | 1     |
| 17               | —                               | —      | 0.7                                 |   | □n.   |       |
| 18               | —                               | —      | 0.1                                 |   |   |       |
| 19               | 0.0                             | —      | 0.2                                 |   | ≡a, n; Δ9 <sup>h</sup> 58 <sup>m</sup> —10 <sup>h</sup> 4 <sup>m</sup> .  |       |
| 20               | 0.0                             | 0.2    | 0.0                                 |   | ≡, ∇a; * <sup>0</sup> 17 <sup>h</sup> 20 <sup>m</sup> —23 <sup>m</sup> ; *n.  |       |
| 21               | 0.0                             | —      | 0.2                                 | 92<br>95<br>99<br>100<br>103<br>105<br>105<br>103<br>100<br>100 | * <sup>0</sup> , ● <sup>0</sup> a; ≡n.  |       |
| 22               | —                               | —      | 0.1                                 |   | ≡ <sup>0</sup> —n; ∇21 <sup>h</sup> .   |       |
| 23               | —                               | —      | 2.0                                 |   | ≡—11 <sup>h</sup> ; □n.   |       |
| 24               | 0.5                             | 0.0    | 0.9                                 |   | Δ, *a, p; * <sup>0</sup> n.   |       |
| 25               | 0.2                             | —      | 0.4                                 |   | *14 <sup>h</sup> 30 <sup>m</sup> —16 <sup>h</sup> 20 <sup>m</sup> ; □n.   |       |
| 26               | 0.0                             | —      | 0.5                                 |   | * <sup>0</sup> p.   |       |
| 27               | 0.1                             | —      | 0.2                                 |   | Δ <sup>0</sup> 9 <sup>h</sup> 40 <sup>m</sup> —50 <sup>m</sup> ; *11 <sup>h</sup> —12 <sup>h</sup> ; ∇21 <sup>h</sup> ; □n. |       |
| 28               | —                               | 0.1    | 1.1                                 |   | □a; ∇21 <sup>h</sup> —22 <sup>h</sup> ; †, *n.  |       |
| 29               | 0.2                             | —      | 2.2                                 |   | †, *—9 <sup>h</sup> 20 <sup>m</sup> ; * <sup>0</sup> 9 <sup>h</sup> 20 <sup>m</sup> —11 <sup>h</sup> .                      |       |
| 30               | —                               | —      | 1.5                                 |   | □n.   |       |
| 31               | 0.0                             | 0.0    | 1.4                                 | 100   | * <sup>0</sup> p; n.  |       |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 58.76                         | —4.49                               | 79                                     | —                          | 1                |
| 58.75                         | —5.29                               | 81                                     | —                          | 4                |
| 58.88                         | —5.73                               | 82                                     | 5.4                        | 7                |
| 59.18                         | —3.53                               | 74                                     | 5.5                        | 10               |
| 59.14                         | —0.71                               | 62                                     | 5.0                        | 13               |
| 58.89                         | 0.28                                | 61                                     | 5.5                        | 16               |
| 58.99                         | —1.96                               | 71                                     | 5.3                        | 19               |
| 59.05                         | —3.47                               | 77                                     | 5.0                        | 22               |
| 58.95                         | —3.11                               | 73                                     | 5.3                        | Mittel<br>keskm. |

April 1918 April.

| Datum<br>Kuupäew | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatuur (C°) temperatuur |       |       |       |      |      |      |      |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------------------------------|-------|-------|-------|------|------|------|------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                           | 4h    | 7h    | 10h   | 13h  | 16h  | 19h  | 22h  |
| 1                | 57.8                              | 57.6 | 57.8 | 57.7 | 57.5 | 57.8 | 58.0 | 58.5 | — 0.7                        | — 0.9 | — 1.1 | — 0.6 | 0.0  | 0.9  | 0.6  | 0.8  |
| 2                | 59.0                              | 59.5 | 60.0 | 59.8 | 59.6 | 59.2 | 59.5 | 59.6 | 2.3                          | 0.2   | — 0.1 | 3.5   | 7.4  | 8.2  | 4.0  | 2.6  |
| 3                | 59.4                              | 59.0 | 58.9 | 58.6 | 58.4 | 58.3 | 58.8 | 58.8 | 1.0                          | 2.0   | 2.9   | 5.5   | 8.0  | 8.0  | 6.0  | 3.8  |
| 4                | 58.5                              | 58.2 | 58.1 | 58.4 | 58.4 | 58.4 | 58.3 | 58.2 | 3.4                          | 3.5   | 3.2   | 5.3   | 5.5  | 5.0  | 4.0  | 2.8  |
| 5                | 58.1                              | 58.0 | 58.1 | 58.5 | 58.3 | 57.7 | 57.2 | 56.5 | 2.4                          | 2.2   | 2.4   | 3.8   | 5.0  | 4.5  | 4.1  | 3.7  |
| 6                | 54.9                              | 54.8 | 55.4 | 56.3 | 57.9 | 58.6 | 59.4 | 59.6 | 3.2                          | 1.0   | 0.4   | 1.4   | 2.5  | 3.3  | 2.1  | 1.1  |
| 7                | 59.7                              | 59.7 | 59.6 | 59.7 | 59.6 | 59.4 | 59.5 | 60.0 | 0.4                          | — 0.5 | 0.2   | 4.0   | 6.2  | 8.0  | 4.0  | 0.5  |
| 8                | 60.0                              | 60.1 | 60.5 | 60.8 | 61.0 | 60.5 | 60.4 | 60.3 | — 0.1                        | — 1.1 | — 1.3 | 0.4   | 1.4  | 2.5  | 1.6  | 1.3  |
| 9                | 60.0                              | 59.7 | 59.6 | 59.6 | 58.9 | 58.6 | 58.4 | 57.7 | 1.2                          | 1.2   | 1.4   | 1.8   | 2.6  | 2.8  | 2.8  | 1.7  |
| 10               | 57.5                              | 57.3 | 57.9 | 58.6 | 58.3 | 57.7 | 57.8 | 58.2 | 2.8                          | 3.0   | 3.3   | 6.3   | 10.8 | 16.0 | 8.0  | 4.1  |
| 11               | 58.2                              | 57.9 | 58.0 | 58.5 | 58.4 | 58.0 | 58.4 | 58.5 | 3.6                          | 5.5   | 7.3   | 13.5  | 17.2 | 16.5 | 13.3 | 10.0 |
| 12               | 58.5                              | 58.6 | 59.1 | 59.2 | 58.6 | 58.1 | 57.9 | 57.7 | 8.5                          | 7.0   | 5.5   | 11.9  | 16.6 | 19.2 | 15.0 | 10.8 |
| 13               | 57.2                              | 56.3 | 56.1 | 55.5 | 55.0 | 54.5 | 54.3 | 54.0 | 7.3                          | 5.9   | 7.3   | 12.6  | 16.1 | 17.2 | 15.8 | 9.6  |
| 14               | 54.2                              | 54.1 | 54.4 | 54.8 | 55.2 | 55.6 | 56.1 | 58.0 | 7.4                          | 6.1   | 7.8   | 12.5  | 15.8 | 12.7 | 11.0 | 5.1  |
| 15               | 59.0                              | 59.6 | 60.3 | 60.9 | 61.1 | 61.2 | 61.3 | 61.6 | 3.7                          | 2.8   | 2.4   | 3.4   | 4.4  | 4.6  | 3.0  | 1.0  |
| 16               | 61.8                              | 61.4 | 61.4 | 61.6 | 61.2 | 60.4 | 60.0 | 60.1 | — 0.3                        | — 0.7 | — 1.6 | — 0.9 | 0.8  | 6.0  | 4.5  | 2.0  |
| 17               | 60.2                              | 60.0 | 59.6 | 59.2 | 58.3 | 57.0 | 56.0 | 54.6 | — 0.3                        | — 2.2 | 0.2   | 5.8   | 8.5  | 10.0 | 7.3  | 2.2  |
| 18               | 53.8                              | 52.3 | 51.6 | 51.0 | 50.1 | 49.5 | 49.6 | 50.2 | 1.3                          | 2.0   | 3.1   | 9.7   | 14.7 | 14.2 | 10.3 | 8.5  |
| 19               | 50.0                              | 49.8 | 50.2 | 50.7 | 51.6 | 51.8 | 52.8 | 53.8 | 7.8                          | 7.1   | 7.2   | 12.6  | 14.7 | 14.2 | 12.8 | 10.0 |
| 20               | 54.2                              | 54.8 | 55.9 | 57.0 | 57.1 | 57.1 | 58.0 | 59.0 | 9.5                          | 9.3   | 9.9   | 15.0  | 19.2 | 21.0 | 16.0 | 11.5 |
| 21               | 59.4                              | 59.8 | 60.1 | 60.3 | 60.1 | 59.6 | 59.7 | 60.4 | 9.0                          | 5.8   | 9.0   | 14.0  | 17.6 | 18.7 | 13.8 | 9.6  |
| 22               | 60.7                              | 60.9 | 61.0 | 61.3 | 61.6 | 61.4 | 62.0 | 63.3 | 6.3                          | 3.6   | 5.4   | 10.1  | 13.0 | 13.4 | 9.7  | 6.7  |
| 23               | 64.1                              | 64.7 | 65.2 | 65.8 | 66.0 | 65.5 | 65.4 | 66.0 | 4.3                          | 2.3   | 5.2   | 9.8   | 13.1 | 14.2 | 11.9 | 8.0  |
| 24               | 66.8                              | 67.0 | 67.5 | 67.7 | 67.2 | 66.7 | 66.3 | 66.5 | 5.4                          | 3.2   | 4.8   | 9.6   | 12.8 | 14.1 | 12.6 | 8.5  |
| 25               | 67.0                              | 67.2 | 67.5 | 67.8 | 67.1 | 66.2 | 66.0 | 66.0 | 6.4                          | 4.1   | 6.9   | 11.4  | 15.4 | 17.3 | 14.8 | 9.7  |
| 26               | 66.0                              | 65.8 | 65.5 | 65.0 | 64.4 | 63.4 | 63.0 | 62.5 | 7.1                          | 5.7   | 10.8  | 16.4  | 17.4 | 20.0 | 14.6 | 10.3 |
| 27               | 62.2                              | 61.5 | 61.1 | 60.9 | 60.2 | 59.2 | 58.5 | 58.2 | 8.6                          | 8.0   | 11.0  | 16.0  | 18.6 | 19.2 | 16.2 | 12.7 |
| 28               | 57.3                              | 55.8 | 54.4 | 53.4 | 52.5 | 52.5 | 52.5 | 53.2 | 11.5                         | 10.8  | 10.0  | 11.5  | 11.0 | 10.0 | 8.6  | 5.7  |
| 29               | 53.5                              | 53.8 | 54.7 | 56.6 | 58.1 | 58.8 | 59.3 | 60.0 | 3.0                          | 1.5   | 3.2   | 4.1   | 5.2  | 4.8  | 3.4  | 2.5  |
| 30               | 60.2                              | 60.3 | 61.2 | 62.0 | 62.5 | 62.9 | 63.1 | 63.7 | 1.6                          | 0.3   | 2.2   | 2.8   | 3.4  | 4.5  | 2.9  | 0.9  |

Ergänzende Beobachtungen um 21h.

|                               | 1        | 2        | 3       | 4       | 5       | 6        | 7        | 8        | 9       | 10       | 11       | 12       | 13       | 14       | 15      |
|-------------------------------|----------|----------|---------|---------|---------|----------|----------|----------|---------|----------|----------|----------|----------|----------|---------|
| Luftdruck õhurõhumine         | 58.5     | 59.4     | 58.8    | 58.2    | 56.8    | 59.6     | 60.0     | 60.5     | 58.2    | 58.2     | 58.5     | 58.0     | 54.0     | 57.5     | 61.5    |
| Temperatuur temperatuur       | 0.4      | 3.0      | 4.6     | 3.2     | 3.9     | 1.6      | 1.2      | 1.4      | 2.2     | 4.6      | 10.6     | 11.3     | 10.4     | 5.6      | 1.6     |
| Relat. Feucht. relat. niiskus | 87       | 75       | 74      | 99      | 91      | 85       | 74       | 90       | 90      | 94       | 62       | 70       | 66       | 94       | 80      |
| Bewölkung pilwitus            | 10       | 2        | 2       | 10      | 10      | 10       | 0        | 10       | 8       | 0        | 3        | 7        | 2        | 10       | 10      |
| Temperatur {max. min.         | 1.2 -1.2 | 9.3 -1.8 | 9.0 0.7 | 6.7 2.5 | 5.6 1.8 | 4.1 -0.3 | 8.2 -1.4 | 2.5 -1.9 | 3.3 1.0 | 16.2 1.5 | 18.8 3.0 | 19.8 4.7 | 18.2 5.3 | 17.5 5.6 | 6.0 1.2 |

# April 1918 April.

| Datum<br>Kuupäev | Relative Feuchtigkeith<br>relatiivne niiskus |    |     |     |     |     |     |     | Absolute Feuch-<br>tigkeit<br>absoluutne niis-<br>kus |     |     | Kompletive<br>Feuchtigkeith<br>täisniiskuse<br>puudus |      |     | Feuchtes Thermo-<br>meter<br>määrg termomeeter |       |       |
|------------------|--|----|-----|-----|-----|-----|-----|-----|---|-----|-----|---|------|-----|--|-------|-------|
|                  | 1h   | 4h | 7h  | 10h | 13h | 16h | 19h | 22h | 7h  | 13h | 21h | 7h  | 13h  | 21h | 7h   | 13h   | 21h   |
| 1                | 88   | 92 | 87  | 87  | 89  | 73  | 86  | 85  | 3.7   | 4.1 | 4.1 | 0.6   | 0.5  | 0.6 | — 1.7  | — 0.6 | — 0.4 |
| 2                | 70   | 75 | 82  | 64  | 49  | 46  | 66  | 76  | 3.7   | 3.7 | 4.2 | 0.8   | 4.0  | 1.4 | — 1.2  | 3.3   | 1.4   |
| 3                | 81   | 83 | 81  | 73  | 66  | 65  | 71  | 76  | 4.6   | 5.3 | 4.7 | 1.1   | 2.7  | 1.7 | 1.7  | 5.3   | 2.8   |
| 4                | 78   | 82 | 81  | 72  | 79  | 83  | 91  | 99  | 4.7   | 5.3 | 5.6 | 1.1   | 1.4  | 0.1 | 2.0  | 4.0   | 3.1   |
| 5                | 99   | 99 | 100 | 98  | 86  | 90  | 92  | 92  | 5.4   | 5.6 | 5.5 | 0.0   | 0.9  | 0.6 | 2.4  | 4.0   | 3.3   |
| 6                | 92   | 92 | 92  | 86  | 78  | 75  | 80  | 87  | 4.3   | 4.2 | 4.4 | 0.4   | 1.2  | 0.8 | — 0.2  | 1.1   | 0.7   |
| 7                | 90   | 90 | 91  | 71  | 60  | 55  | 66  | 78  | 4.2   | 4.2 | 3.7 | 0.4   | 2.8  | 1.3 | — 0.2  | 3.2   | — 0.2 |
| 8                | 81   | 88 | 90  | 91  | 90  | 85  | 90  | 91  | 3.7   | 4.5 | 4.5 | 0.4   | 0.5  | 0.5 | — 1.8  | 0.8   | 0.8   |
| 9                | 91   | 92 | 93  | 92  | 87  | 86  | 60  | 91  | 4.7   | 4.8 | 4.8 | 0.3   | 0.7  | 0.5 | 1.0  | 1.8   | 1.6   |
| 10               | 91   | 90 | 89  | 70  | 63  | 58  | 88  | 95  | 5.2   | 6.1 | 6.0 | 0.6   | 3.6  | 0.4 | 2.6  | 7.5   | 4.2   |
| 11               | 95   | 90 | 79  | 51  | 40  | 43  | 54  | 67  | 6.0   | 5.9 | 5.9 | 1.6   | 8.7  | 3.6 | 5.7  | 10.3  | 7.2   |
| 12               | 74   | 81 | 83  | 62  | 47  | 39  | 61  | 68  | 5.6   | 6.6 | 7.0 | 1.1   | 7.4  | 3.0 | 4.3  | 10.7  | 8.6   |
| 13               | 69   | 70 | 70  | 56  | 46  | 46  | 55  | 70  | 5.4   | 6.2 | 6.2 | 2.3   | 7.4  | 3.2 | 5.0  | 10.1  | 7.4   |
| 14               | 74   | 80 | 81  | 63  | 55  | 57  | 61  | 94  | 6.4   | 7.4 | 6.4 | 1.5   | 6.0  | 0.4 | 6.3  | 11.0  | 5.2   |
| 15               | 90   | 87 | 87  | 84  | 78  | 76  | 76  | 82  | 4.7   | 4.9 | 4.1 | 0.7   | 1.4  | 1.0 | 1.6  | 2.9   | 0.4   |
| 16               | 85   | 86 | 87  | 83  | 76  | 62  | 64  | 72  | 3.5   | 3.7 | 4.1 | 0.5   | 1.2  | 1.4 | — 2.2  | — 0.3 | 1.0   |
| 17               | 80   | 86 | 80  | 53  | 45  | 47  | 52  | 58  | 3.7   | 3.7 | 3.7 | 0.9   | 4.6  | 2.2 | — 1.0  | 3.9   | 1.0   |
| 18               | 67   | 80 | 86  | 63  | 49  | 48  | 87  | 85  | 4.9   | 6.2 | 7.2 | 0.8   | 6.3  | 1.2 | 2.1  | 9.4   | 7.6   |
| 19               | 86   | 88 | 89  | 64  | 54  | 58  | 64  | 78  | 6.8   | 6.7 | 7.0 | 0.8   | 5.8  | 2.5 | 6.4  | 9.9   | 8.3   |
| 20               | 77   | 66 | 67  | 50  | 41  | 36  | 44  | 65  | 6.1   | 6.7 | 6.7 | 3.0   | 9.8  | 4.0 | 7.1  | 11.9  | 8.9   |
| 21               | 73   | 81 | 67  | 51  | 40  | 37  | 55  | 85  | 5.8   | 6.0 | 7.4 | 2.8   | 9.0  | 2.6 | 6.3  | 10.6  | 9.0   |
| 22               | 90   | 96 | 75  | 63  | 52  | 50  | 58  | 70  | 5.0   | 5.8 | 5.3 | 1.7   | 5.3  | 2.8 | 3.6  | 8.8   | 5.4   |
| 23               | 73   | 81 | 80  | 61  | 43  | 36  | 41  | 49  | 5.3   | 4.8 | 4.2 | 1.3   | 6.4  | 4.1 | 3.8  | 7.4   | 4.6   |
| 24               | 61   | 70 | 65  | 47  | 34  | 33  | 41  | 49  | 4.2   | 3.7 | 4.2 | 2.2   | 7.3  | 4.7 | 1.8  | 6.2   | 5.1   |
| 25               | 63   | 71 | 70  | 54  | 37  | 35  | 48  | 63  | 5.2   | 4.7 | 5.8 | 2.3   | 8.3  | 3.9 | 4.6  | 8.4   | 7.4   |
| 26               | 62   | 67 | 49  | 35  | 32  | 29  | 51  | 62  | 4.7   | 4.7 | 6.0 | 4.9   | 10.0 | 4.2 | 6.2  | 9.4   | 7.9   |
| 27               | 70   | 69 | 65  | 48  | 32  | 35  | 50  | 57  | 6.4   | 5.0 | 6.4 | 3.4   | 10.9 | 5.2 | 7.9  | 10.2  | 9.2   |
| 28               | 70   | 75 | 88  | 82  | 86  | 92  | 84  | 88  | 8.0   | 8.4 | 6.2 | 1.1   | 1.4  | 0.9 | 9.0  | 9.8   | 5.4   |
| 29               | 86   | 87 | 84  | 73  | 66  | 63  | 68  | 78  | 4.8   | 4.4 | 4.3 | 0.9   | 2.2  | 1.3 | 2.2  | 2.8   | 1.4   |
| 30               | 82   | 90 | 92  | 87  | 71  | 67  | 65  | 74  | 4.9   | 4.1 | 3.8 | 0.4   | 1.7  | 1.2 | 1.7  | 1.5   | — 0.2 |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 60.0 | 54.8 | 50.2 | 53.6 | 58.7 | 60.3 | 63.1 | 65.8 | 66.5 | 65.9 | 62.6 | 58.4 | 53.0 | 59.8 | 63.6 | 59.13            |
| 2.6  | 3.5  | 8.8  | 10.6 | 12.4 | 11.3 | 8.2  | 8.7  | 9.7  | 11.0 | 11.7 | 13.7 | 6.3  | 2.9  | 1.2  | 6.27             |
| 75   | 62   | 85   | 74   | 63   | 74   | 65   | 51   | 47   | 60   | 59   | 55   | 88   | 77   | 76   | 75               |
| 9    | 4    | 10   | 4    | 1    | 1    | 0    | 0    | 2    | 4    | 1    | 4    | 9    | 10   | 0    | 5.1              |
| 6.0  | 10.2 | 16.7 | 15.5 | 22.0 | 20.0 | 14.4 | 14.5 | 14.6 | 17.5 | 21.4 | 19.5 | 14.0 | 6.5  | 4.5  | 12.12            |
| -1.6 | -2.8 | 1.0  | 5.7  | 8.0  | 5.2  | 2.5  | 2.0  | 2.5  | 3.7  | 4.5  | 7.9  | 6.2  | 0.7  | 0.3  | 2.22             |

| Datum<br>Kupäew | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |   |  |  |  |
|-----------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|--|--|
|                 | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |   |  |  |  |
|                 | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |   |  |  |  |
| 1               | 3.8                                 | 3.8 | 5.1 | 4.6 | 3.9 | 3.7 | 2.1 | 2.4 | —                 | 3.0 | 1.5 | —   | —   | 3.0 | 1.6 | —   | —   | 3.8 | 2.3 | —   | — |  |  |  |
| 2               | 4.5                                 | 3.4 | 3.3 | 2.7 | 4.1 | 4.0 | 4.0 | 3.0 | —                 | 0.1 | 4.2 | 0.3 | —   | 0.8 | 3.0 | —   | —   | 1.4 | 2.6 | —   | — |  |  |  |
| 3               | 3.2                                 | 3.1 | 3.1 | 3.6 | 4.2 | 4.0 | 3.3 | 2.7 | —                 | 2.0 | 2.0 | —   | —   | 1.7 | 2.1 | —   | —   | 1.7 | 2.0 | —   | — |  |  |  |
| 4               | 2.5                                 | 2.4 | 2.9 | 3.8 | 1.9 | 1.8 | 0.6 | 1.2 | —                 | 1.0 | 2.1 | —   | —   | 1.1 | 1.8 | —   | —   | 0.6 | 2.4 | —   | — |  |  |  |
| 5               | 0.6                                 | 0.4 | 0.5 | 0.6 | 1.9 | 2.0 | 2.0 | 2.4 | —                 | —   | 0.3 | 0.3 | —   | —   | —   | —   | —   | —   | —   | —   |   |  |  |  |
| 6               | 2.2                                 | 4.4 | 4.5 | 5.3 | 3.5 | 1.9 | 2.4 | 2.8 | —                 | 0.8 | 1.8 | 0.1 | 0.3 | —   | 0.6 | 4.1 | 0.2 | —   | 0.6 | 4.2 | — |  |  |  |
| 7               | 1.8                                 | 1.8 | 2.3 | 4.5 | 5.0 | 3.9 | 2.6 | 2.4 | —                 | 1.6 | 0.6 | —   | 0.2 | 1.8 | —   | —   | —   | 2.0 | 0.5 | —   | — |  |  |  |
| 8               | 2.9                                 | 2.9 | 3.4 | 3.9 | 3.3 | 3.1 | 3.0 | 2.7 | —                 | 2.7 | 0.4 | —   | 0.1 | 2.8 | 0.4 | —   | —   | 3.2 | 0.4 | —   | — |  |  |  |
| 9               | 2.7                                 | 3.0 | 4.7 | 4.6 | 4.7 | 3.9 | 3.2 | 2.5 | 0.1               | 2.7 | 0.3 | —   | —   | 2.8 | 0.5 | —   | —   | 4.0 | 1.2 | —   | — |  |  |  |
| 10              | 1.5                                 | 2.1 | 1.9 | 1.8 | 2.1 | 2.0 | 1.8 | 1.5 | —                 | 0.8 | 1.0 | —   | —   | 0.7 | 2.0 | —   | —   | 0.7 | 1.6 | —   | — |  |  |  |
| 11              | 2.3                                 | 2.2 | 1.4 | 1.2 | 2.8 | 2.1 | 1.4 | 1.7 | —                 | 0.7 | 2.0 | —   | —   | 0.4 | 2.1 | —   | —   | 0.2 | 1.3 | —   | — |  |  |  |
| 12              | 1.6                                 | 0.5 | 0.4 | 0.4 | 1.1 | 0.9 | 0.7 | 1.1 | —                 | 0.4 | 1.4 | —   | —   | —   | 0.6 | —   | —   | —   | —   | —   | — |  |  |  |
| 13              | 0.6                                 | 0.9 | 0.5 | 1.2 | 2.7 | 1.5 | 1.2 | 2.4 | —                 | —   | 0.6 | —   | —   | —   | 1.0 | —   | —   | —   | 0.6 | —   | — |  |  |  |
| 14              | 2.2                                 | 2.3 | 2.7 | 3.2 | 2.8 | 3.5 | 1.3 | 3.6 | —                 | —   | 1.6 | 1.0 | —   | —   | 2.2 | 0.4 | —   | —   | 1.9 | 1.4 | — |  |  |  |
| 15              | 3.4                                 | 4.0 | 4.2 | 4.4 | 4.4 | 4.2 | 3.9 | 3.6 | 2.3               | 2.3 | —   | —   | 2.6 | 2.6 | —   | —   | 2.7 | 2.7 | —   | —   |   |  |  |  |
| 16              | 3.3                                 | 3.0 | 2.9 | 3.0 | 2.5 | 1.6 | 1.1 | 1.3 | 0.4               | 3.1 | 0.1 | —   | 0.2 | 2.8 | 0.2 | —   | 0.3 | 2.7 | 0.2 | —   | — |  |  |  |
| 17              | 1.2                                 | 0.6 | 0.5 | 0.9 | 1.8 | 2.2 | 1.6 | 2.4 | 0.6               | 1.0 | —   | —   | —   | 0.7 | —   | —   | —   | 0.6 | —   | —   | — |  |  |  |
| 18              | 2.6                                 | 3.3 | 2.6 | 2.9 | 3.4 | 3.0 | 1.7 | 2.6 | —                 | 2.3 | 0.6 | —   | —   | 2.7 | 1.3 | —   | —   | 1.9 | 1.3 | —   | — |  |  |  |
| 19              | 3.7                                 | 3.6 | 3.5 | 3.1 | 3.0 | 2.7 | 1.7 | 2.0 | —                 | 3.1 | 1.2 | —   | —   | 3.1 | 1.1 | —   | —   | 2.6 | 1.5 | —   | — |  |  |  |
| 20              | 2.2                                 | 2.0 | 1.7 | 2.6 | 3.1 | 3.0 | 2.1 | 1.7 | —                 | 0.9 | 1.8 | —   | —   | 0.2 | 1.9 | —   | —   | 0.6 | 1.4 | —   | — |  |  |  |
| 21              | 1.8                                 | 1.7 | 1.2 | 2.1 | 3.0 | 3.0 | 3.0 | 3.7 | —                 | 0.1 | 1.8 | —   | —   | 0.8 | 1.3 | —   | —   | 0.9 | 0.6 | —   | — |  |  |  |
| 22              | 3.7                                 | 3.6 | 4.1 | 4.4 | 4.9 | 4.9 | 3.7 | 2.4 | 1.6               | 3.0 | —   | —   | 0.8 | 3.1 | —   | —   | 0.5 | 3.9 | 0.2 | —   | — |  |  |  |
| 23              | 2.7                                 | 3.1 | 3.6 | 3.9 | 4.5 | 3.9 | 1.9 | 1.7 | 0.2               | 2.7 | 0.1 | —   | 0.1 | 3.0 | 0.3 | —   | 0.1 | 3.3 | 0.7 | —   | — |  |  |  |
| 24              | 2.4                                 | 2.0 | 2.1 | 3.4 | 3.7 | 2.9 | 2.7 | 3.3 | 0.2               | 2.2 | 0.2 | —   | 0.8 | 1.6 | —   | —   | 0.5 | 1.9 | —   | —   | — |  |  |  |
| 25              | 2.1                                 | 1.5 | 1.7 | 1.4 | 2.5 | 0.9 | 0.6 | 0.2 | 0.3               | 1.9 | —   | —   | 0.2 | 1.4 | —   | —   | —   | 1.6 | 0.3 | —   | — |  |  |  |
| 26              | 0.6                                 | 1.1 | 1.3 | 1.5 | 1.2 | 1.6 | 2.0 | 1.8 | —                 | 0.4 | 0.4 | —   | —   | 0.3 | 1.0 | —   | —   | 0.1 | 1.3 | —   | — |  |  |  |
| 27              | 2.0                                 | 2.4 | 1.3 | 2.3 | 2.4 | 1.8 | 1.6 | 1.9 | —                 | 0.1 | 2.0 | —   | —   | 0.2 | 2.3 | —   | —   | —   | 1.4 | —   | — |  |  |  |
| 28              | 1.8                                 | 1.5 | 0.9 | 1.3 | 3.5 | 3.3 | 4.0 | 3.5 | 0.5               | —   | 0.2 | 1.2 | —   | 0.1 | 0.9 | 0.9 | 0.4 | 0.4 | —   | 0.1 | — |  |  |  |
| 29              | 3.6                                 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 1.9 | 1.2 | 0.4               | —   | —   | 3.5 | 0.4 | —   | 0.1 | 3.1 | 0.9 | —   | —   | 2.9 | — |  |  |  |
| 30              | 1.2                                 | 0.9 | 2.3 | 3.3 | 3.0 | 3.0 | 1.9 | 0.7 | 0.9               | —   | —   | 0.7 | 0.7 | —   | —   | 0.3 | 1.5 | 1.4 | —   | —   | — |  |  |  |

T a g e s m i t t e l

|                                     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine            | 57.84 | 59.52 | 58.78 | 58.31 | 57.80 | 57.11 | 59.65 | 60.45 | 59.06 | 57.91 | 58.24 | 58.46 | 55.36 | 55.30 | 60.62 |
| Temperatuur<br>temperatuur          | -0.12 | 3.51  | 4.65  | 4.09  | 3.51  | 1.88  | 2.85  | 0.59  | 1.94  | 6.79  | 10.86 | 11.81 | 11.48 | 9.80  | 3.16  |
| Relat. Feucht.<br>relat. niiskus    | 86    | 66    | 74    | 83    | 94    | 85    | 75    | 88    | 90    | 80    | 65    | 64    | 60    | 71    | 82    |
| Absol. Feucht.<br>absol. niiskus    | 3.97  | 3.87  | 4.87  | 5.20  | 5.50  | 4.30  | 4.03  | 4.23  | 4.77  | 5.77  | 5.93  | 6.40  | 5.93  | 6.73  | 4.57  |
| Kompl. Feucht.<br>täisniisk. puudus | 0.57  | 2.07  | 1.83  | 0.87  | 0.50  | 0.80  | 1.50  | 0.47  | 0.50  | 1.53  | 4.63  | 3.83  | 4.30  | 2.63  | 1.03  |



April 1918 Aprill.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |   |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|---|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |   |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |   |
| —                                    | 3.1 | 2.5 | —   | —   | 2.3 | 2.5 | —   | —   | 0.8 | 3.4 | —   | —   | 1.5 | 1.3 | —   | —   | 0.8 | 2.2 | —   | —               | 2.29 | 2.16 | —    | — |
| —                                    | 1.7 | 1.8 | —   | —   | 1.8 | 3.0 | —   | —   | 1.7 | 3.1 | —   | —   | 2.8 | 2.2 | —   | —   | 1.6 | 2.1 | —   | —               | 1.49 | 2.75 | 0.04 | — |
| —                                    | 1.4 | 2.9 | —   | —   | 1.3 | 3.4 | —   | —   | 0.9 | 3.6 | —   | —   | 1.1 | 2.6 | —   | —   | 1.2 | 1.9 | —   | —               | 1.41 | 2.56 | —    | — |
| —                                    | 0.2 | 3.6 | 0.3 | —   | 0.1 | 1.9 | 0.1 | —   | 0.2 | 1.7 | —   | —   | 0.2 | 0.6 | —   | —   | 0.1 | 1.1 | —   | —               | 0.44 | 1.90 | 0.05 | — |
| —                                    | 0.6 | —   | —   | —   | 1.4 | 0.9 | —   | —   | 1.5 | 0.9 | —   | —   | 1.1 | 1.3 | —   | —   | 0.8 | 1.9 | —   | —               | 0.68 | 0.66 | 0.04 | — |
| 0.3                                  | —   | 0.5 | 5.0 | 1.5 | —   | 0.1 | 2.6 | 1.5 | 0.1 | —   | 0.7 | 1.6 | 1.4 | —   | —   | 0.4 | 2.5 | 0.2 | —   | 0.72            | 0.60 | 0.48 | 2.09 |   |
| —                                    | 3.0 | 1.3 | —   | 0.2 | 4.3 | 1.1 | —   | 0.3 | 3.7 | 0.5 | —   | —   | 2.5 | 0.4 | —   | —   | 2.2 | 0.5 | —   | 0.09            | 2.64 | 0.61 | —    |   |
| —                                    | 3.4 | 0.8 | —   | 0.3 | 3.1 | 0.3 | —   | 0.4 | 3.0 | 0.2 | —   | 0.2 | 2.9 | 0.2 | —   | —   | 2.6 | 0.3 | —   | 0.12            | 2.96 | 0.38 | —    |   |
| —                                    | 3.9 | 1.3 | —   | —   | 4.0 | 1.3 | —   | 0.1 | 3.4 | 1.3 | —   | —   | 3.0 | 0.5 | —   | —   | 2.4 | 0.5 | —   | 0.02            | 3.28 | 0.86 | —    |   |
| —                                    | 0.7 | 1.5 | —   | —   | 1.0 | 1.4 | —   | —   | 1.0 | 1.3 | —   | —   | 1.4 | 0.8 | —   | —   | 0.8 | 1.0 | —   | —               | 0.89 | 1.32 | —    | — |
| —                                    | —   | 0.8 | 0.7 | —   | —   | 2.2 | 1.1 | —   | —   | 1.9 | 0.6 | —   | 0.1 | 1.4 | —   | —   | 0.1 | 1.7 | —   | —               | 0.19 | 1.68 | 0.30 | — |
| —                                    | —   | —   | —   | —   | 0.3 | 1.0 | —   | —   | 0.1 | 0.8 | 0.1 | —   | 0.4 | 0.4 | —   | —   | 0.1 | 1.1 | —   | —               | 0.16 | 0.66 | 0.01 | — |
| —                                    | —   | 0.6 | 0.8 | —   | —   | 1.1 | 1.8 | 0.1 | —   | 0.5 | 1.1 | —   | —   | 1.2 | 0.2 | —   | —   | 2.4 | 0.3 | 0.01            | —    | 1.00 | 0.52 | — |
| —                                    | —   | 1.4 | 2.5 | 0.4 | —   | 0.2 | 2.6 | 1.4 | —   | 0.1 | 2.7 | 0.6 | 0.4 | 0.4 | —   | 2.3 | 2.5 | —   | —   | 0.59            | 0.36 | 0.98 | 1.32 |   |
| 1.7                                  | 3.4 | —   | —   | 1.5 | 3.7 | 0.2 | —   | 1.0 | 3.6 | —   | —   | 1.1 | 3.5 | —   | —   | 0.6 | 3.3 | 0.1 | —   | 1.69            | 3.14 | 0.04 | —    |   |
| 0.5                                  | 2.7 | 0.1 | —   | 0.8 | 2.2 | 0.1 | —   | 0.3 | 1.6 | 0.1 | —   | 0.1 | 1.1 | —   | —   | 0.5 | 1.1 | —   | —   | 0.39            | 2.16 | 0.10 | —    |   |
| 0.1                                  | 0.7 | 0.1 | —   | 0.2 | 1.5 | 0.4 | —   | 0.2 | 2.0 | 0.4 | —   | 0.2 | 1.6 | 0.1 | —   | —   | 2.1 | 0.6 | —   | 0.16            | 1.28 | 0.20 | —    |   |
| —                                    | 1.4 | 2.0 | —   | —   | 0.9 | 2.9 | —   | —   | 1.4 | 2.1 | —   | 0.5 | 0.8 | 0.3 | —   | —   | 2.2 | 0.6 | —   | 0.06            | 1.70 | 1.39 | —    |   |
| —                                    | 1.2 | 2.5 | —   | —   | 0.4 | 2.9 | —   | —   | 0.1 | 2.5 | 0.3 | —   | —   | 1.7 | 0.2 | —   | 0.4 | 1.8 | —   | —               | 1.36 | 1.90 | 0.06 | — |
| —                                    | 0.5 | 2.3 | 0.1 | —   | 0.2 | 2.8 | 0.4 | —   | 0.2 | 2.8 | 0.4 | —   | 0.1 | 2.1 | —   | —   | 0.8 | 1.4 | —   | —               | 0.44 | 2.06 | 0.11 | — |
| 0.1                                  | 1.7 | 0.5 | —   | —   | 2.3 | 1.1 | —   | —   | 2.6 | 0.8 | —   | 1.0 | 2.5 | —   | —   | 2.2 | 2.6 | —   | —   | 0.41            | 1.69 | 0.76 | —    |   |
| 0.6                                  | 4.0 | 0.3 | —   | 0.7 | 4.5 | 0.2 | —   | 0.8 | 4.5 | 0.2 | —   | 0.3 | 3.6 | 0.1 | —   | 0.1 | 2.2 | 0.3 | —   | 0.68            | 3.60 | 0.16 | —    |   |
| 0.5                                  | 3.6 | 0.3 | —   | 0.6 | 4.2 | 0.3 | —   | 0.5 | 3.7 | 0.1 | —   | 0.2 | 1.9 | 0.1 | —   | 0.1 | 1.7 | —   | —   | 0.29            | 3.01 | 0.24 | —    |   |
| 0.9                                  | 2.9 | 0.1 | —   | 0.9 | 3.2 | 0.1 | —   | 1.3 | 2.2 | —   | —   | 1.7 | 1.8 | 0.1 | —   | 2.1 | 2.1 | —   | —   | 1.05            | 2.24 | 0.06 | —    |   |
| 0.1                                  | 1.2 | 0.2 | —   | 0.5 | 2.1 | 0.5 | —   | —   | 0.8 | 0.3 | —   | —   | 0.4 | 0.4 | —   | —   | —   | —   | —   | 0.14            | 1.18 | 0.21 | —    |   |
| 0.1                                  | 0.5 | 1.1 | 0.1 | 0.1 | 0.3 | 0.8 | 0.3 | —   | 0.6 | 0.8 | 0.3 | —   | 1.8 | 0.4 | —   | —   | 1.5 | 0.8 | —   | 0.02            | 0.69 | 0.82 | 0.09 |   |
| —                                    | 0.1 | 1.6 | 1.1 | —   | —   | 1.5 | 1.5 | —   | —   | 1.6 | 0.7 | —   | —   | 1.6 | 0.2 | 0.1 | —   | 1.0 | 1.3 | 0.01            | 0.05 | 1.62 | 0.60 |   |
| 0.1                                  | 0.9 | —   | 0.4 | 2.0 | —   | —   | 2.4 | 0.6 | —   | 0.2 | 3.0 | 1.8 | —   | —   | 3.0 | 0.7 | —   | —   | 3.3 | 0.76            | 0.18 | 0.16 | 1.79 |   |
| 2.3                                  | 0.1 | —   | 1.5 | 2.2 | 0.2 | —   | 1.5 | 1.9 | —   | —   | 2.3 | 1.3 | —   | —   | 1.0 | 0.8 | —   | —   | 0.7 | 1.28            | 0.04 | 0.01 | 2.06 |   |
| 1.2                                  | 2.8 | —   | —   | 1.6 | 2.1 | —   | —   | 2.2 | 1.0 | —   | 0.4 | 1.5 | 0.6 | —   | 0.2 | 0.8 | —   | —   | —   | 1.30            | 0.99 | —    | 0.20 |   |

I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | Mittel keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 60.99 | 58.11 | 51.01 | 51.34 | 56.64 | 59.92 | 61.52 | 65.34 | 66.96 | 66.85 | 64.45 | 60.22 | 53.95 | 56.85 | 61.99 | 59.02         |
| 1.22  | 3.94  | 7.98  | 10.80 | 13.92 | 12.19 | 8.52  | 8.60  | 8.88  | 10.75 | 12.79 | 13.79 | 9.89  | 3.46  | 2.32  | 6.86          |
| 77    | 63    | 71    | 73    | 56    | 61    | 69    | 58    | 50    | 55    | 48    | 53    | 83    | 76    | 78    | 71            |
| 3.77  | 3.70  | 6.10  | 6.83  | 6.50  | 6.40  | 5.37  | 4.77  | 4.03  | 5.23  | 5.13  | 5.93  | 7.53  | 4.50  | 4.27  | 5.20          |
| 1.03  | 2.57  | 2.77  | 3.03  | 5.60  | 4.80  | 3.27  | 3.93  | 4.73  | 4.83  | 6.37  | 6.50  | 1.13  | 1.47  | 1.10  | 2.67          |

April 1918 Aprill.

| Datum<br>Kuupäev | Bewölkung Pilwitus                                     |     |     |     |     |     |                 |          |          |           |         |         |         |  |
|------------------|--|-----|-----|-----|-----|-----|-----------------|----------|----------|-----------|---------|---------|---------|--|
|                  | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |          |          |           |         |         |         |  |
|                  | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h      | 13h      | 16h       | 19h     | 21h     | 22h     |  |
| 1                | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb       | Nb       | Nb        | St      | St      | St      |  |
| 2                | 0  | 8   | 9   | 10  | 9   | 2   | ☉—              | ☉Ci      | ☉Ci      | AS,ACu    | ACu     | St      | AS      |  |
| 3                | 10   | 9   | 10  | 10  | 10  | 1   | St              | SCu      | SCu      | Nb        | SCu     | St      | St      |  |
| 4                | 10   | 10  | 10  | 10  | 10  | 10  | SCu             | SCu      | St       | St        | Nb      | Nb      | Nb      |  |
| 5                | 10   | 10  | 10  | 10  | 10  | 10  | ≡               | St       | St       | ≡         | St      | Nb      | Nb      |  |
| 6                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | SCu      | SCu       | SCu     | St      | St      |  |
| 7                | 9  | 2   | 4   | 1   | 0   | 0   | ☉CiS,ACu        | ☉Cl,FrCu | ☉Cu,FrCu | ☉FrCu     | —       | —       | —       |  |
| 8                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St       | St        | St      | Nb      | ≡       |  |
| 9                | 10   | 10  | 10  | 10  | 10  | 9   | ≡               | ≡        | St       | St        | St      | SCu     | SCu     |  |
| 10               | 2  | 1   | 0   | 1   | 1   | 0   | ☉St             | ☉CiS     | ☉—       | ☉ACu      | AS      | —       | —       |  |
| 11               | 2  | 2   | 3   | 9   | 2   | 3   | ☉CiS,ACu        | ☉ACu     | ☉Ci      | ☉CiS      | AS      | ACu     | ACu     |  |
| 12               | 9  | 10  | 10  | 10  | 10  | 5   | ☉CiS,ACu        | ☉CiS     | ☉CiS,Cu  | ☉CiS,FrCu | CiS,SCu | SCu,CiS | Cu,CiS  |  |
| 13               | 2  | 3   | 7   | 8   | 7   | 1   | ☉Ci             | ☉Ci      | ☉Ci      | Cu        | ACu,SCu | SCu     | SCu     |  |
| 14               | 8  | 6   | 8   | 8   | 7   | 10  | ☉ACu            | ☉ACu     | ACu      | CuNb      | SCu     | St      | St      |  |
| 15               | 10   | 10  | 10  | 10  | 10  | 10  | SCu             | SCu      | AS,SCu   | SCu       | St      | St      | St      |  |
| 16               | 10   | 10  | 8   | 4   | 7   | 9   | St              | St       | ☉SCu     | ☉Ci       | Ci,St   | Ci      | Ci      |  |
| 17               | 0  | 1   | 1   | 1   | 0   | 4   | ☉—              | ☉Ci      | ☉CiS,ACu | ☉CiS,FrCu | ☉—      | ACu,St  | ACu     |  |
| 18               | 7  | 1   | 8   | 10  | 10  | 10  | ☉ACu,SCu        | ☉Cu      | ☉Cu      | Cu, CuNb  | Nb      | St      | St      |  |
| 19               | 10   | 10  | 10  | 10  | 9   | 5   | SCu             | SCu      | St       | Nb, SCu   | AS,SCu  | AS,St   | AS,St   |  |
| 20               | 10   | 1   | 2   | 1   | 1   | 1   | SCu             | ☉CiCu    | ☉Ci      | ☉Ci       | Ci,AS   | AS      | AS      |  |
| 21               | 7  | 8   | 3   | 4   | 0   | 1   | ☉CiCu           | ☉CiCu    | ☉Ci,CiCu | ☉Ci       | ☉—      | Ci      | Ci      |  |
| 22               | 0  | 1   | 3   | 0   | 1   | 0   | ☉—              | ☉ACu     | ☉CiCu    | ☉—        | CiS     | —       | —       |  |
| 23               | 0  | 0   | 1   | 2   | 0   | 1   | ☉—              | ☉—       | ☉CiS     | ☉Ci       | —       | —       | CiS     |  |
| 24               | 3  | 10  | 9   | 8   | 8   | 2   | ☉CiS            | ☉Ci      | ☉Ci      | ☉CiS      | CiS,ACu | Ci      | Ci      |  |
| 25               | 9  | 9   | 10  | 10  | 2   | 4   | ☉CiS            | ☉Ci      | ☉Ci      | ☉Ci, CiS  | AS,St   | AS,St   | AS,St   |  |
| 26               | 1  | 0   | 1   | 1   | 1   | 1   | ☉Ci             | —        | ☉Ci,Cu   | ☉FrCu     | ☉FrCu   | ACu     | ACu     |  |
| 27               | 9  | 8   | 10  | 10  | 9   | 4   | SCu,ACu         | ACu      | SCu      | SCu       | ☉St     | St,ACu  | SCu,ACu |  |
| 28               | 10   | 10  | 10  | 10  | 10  | 9   | Nb              | SCu      | SCu      | Nb        | SCu,St  | AS,SCu  | SCu,AS  |  |
| 29               | 9  | 10  | 10  | 10  | 9   | 10  | ☉SCu            | SCu      | SCu      | SCu       | SCu     | SCu     | SCu     |  |
| 30               | 10   | 10  | 10  | 9   | 4   | 0   | AS,SCu          | SCu      | SCu      | SCu       | FrSt    | —       | —       |  |

Stundenmittel

Kellaaegsed

| Stunde<br>kell  | Windkomponenten<br>Osatuuled |      |      |      |       |      | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|-----------------|------------------------------|------|------|------|-------|------|---------------------------------|-----------------------------------|---|
|                 | N                            | E    | S    | W    | N—S   | E—W  |                                 |                                   |   |
| 1               | 0.25                         | 1.30 | 0.94 | 0.24 | —0.69 | 1.06 | 123                             | 1.26                              | 2.36                                    |
| 4               | 0.21                         | 1.26 | 0.94 | 0.29 | —0.73 | 0.96 | 127                             | 1.21                              | 2.36                                    |
| 7               | 0.24                         | 1.41 | 0.88 | 0.29 | —0.64 | 1.12 | 120                             | 1.29                              | 2.46                                    |
| 10              | 0.28                         | 1.52 | 1.00 | 0.42 | —0.72 | 1.11 | 123                             | 1.32                              | 2.84                                    |
| 13              | 0.45                         | 1.58 | 1.14 | 0.48 | —0.69 | 1.10 | 122                             | 1.30                              | 3.14                                    |
| 16              | 0.42                         | 1.36 | 1.04 | 0.42 | —0.62 | 0.94 | 123                             | 1.12                              | 2.79                                    |
| 19              | 0.40                         | 1.28 | 0.67 | 0.16 | —0.27 | 1.12 | 104                             | 1.15                              | 2.17                                    |
| 22              | 0.36                         | 1.26 | 0.78 | 0.19 | —0.43 | 1.07 | 112                             | 1.15                              | 2.22                                    |
| Mittel<br>keskm | 0.33                         | 1.37 | 0.92 | 0.31 | —0.60 | 1.06 | 119                             | 1.22                              | 2.54                                    |

## April 1918 Aprill.

| Datum<br>Kuupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d   |
|------------------|---------------------------------|--------|-------------------------------------|--|--|
|                  | 7h—21h                          | 21h—7h |                                     |  |  |
| 1                | 0.4                             | —      | 0.1                                 | 95   | *—17 <sup>h</sup> .  |
| 2                | —                               | 0.0    | 0.6                                 | 90   | * <sup>0</sup> n.  |
| 3                | 0.0                             | —      | 0.9                                 | 93   | ● <sup>0</sup> 15 <sup>h</sup> 58 <sup>m</sup> —16 <sup>h</sup> 2 <sup>m</sup> .                         |
| 4                | 0.8                             | 4.0    | 0.5                                 | 98   | ●19 <sup>h</sup> —n; ≡ <sup>0</sup> 17 <sup>h</sup> 30 <sup>m</sup> —19 <sup>h</sup> ; ≡ <sup>2</sup> n. |
| 5                | 0.3                             | 1.3    | 0.2                                 | 122  | ≡—9 <sup>h</sup> , p; ●20 <sup>h</sup> 20 <sup>m</sup> —n.   |
| 6                | —                               | —      | 0.4                                 | 139  | □n.  |
| 7                | —                               | —      | 0.9                                 | 164  | □n.  |
| 8                | 0.0                             | —      | 0.2                                 | 172  | ≡7 <sup>h</sup> 15 <sup>m</sup> —8 <sup>h</sup> 15 <sup>m</sup> , 19 <sup>h</sup> —n; ● <sup>0</sup> p.  |
| 9                | 0.1                             | —      | 0.1                                 | 184  | ≡a, 17 <sup>h</sup> —19 <sup>h</sup> ; ●17 <sup>h</sup> 45 <sup>m</sup> —18 <sup>h</sup> .               |
| 10               | —                               | —      | 0.8                                 | 195  | □21 <sup>h</sup> , n.  |
| 11               | —                               | 0.1    | 3.0                                 | 209  | ●n.  |
| 12               | —                               | —      | 1.5                                 | 225  |  |
| 13               | —                               | —      | 2.7                                 | 240  |  |
| 14               | —                               | —      | 1.9                                 | 250  | T(SE)15 <sup>h</sup> 50 <sup>m</sup> —16 <sup>h</sup> .  |
| 15               | —                               | —      | 0.8                                 | 258  |  |
| 16               | —                               | —      | 0.1                                 | 261  | □n.  |
| 17               | —                               | —      | 0.9                                 | 262  | □n.  |
| 18               | 0.1                             | 0.2    | 0.8                                 | 262  | ●18 <sup>h</sup> 20 <sup>m</sup> —19 <sup>h</sup> , n.   |
| 19               | 0.0                             | —      | 1.4                                 | 259  | ● <sup>0</sup> 13 <sup>h</sup> 31 <sup>m</sup> mit Unterbrechungen—16 <sup>h</sup> 10 <sup>m</sup> .     |
| 20               | —                               | —      | 2.5                                 | 258  | □ <sup>0</sup> n.  |
| 21               | —                               | —      | 2.3                                 | 259  | □n.  |
| 22               | —                               | —      | 1.6                                 | 254  |  |
| 23               | —                               | —      | 1.0                                 | 235  |  |
| 24               | —                               | —      | 2.4                                 | 229  | ⊕17 <sup>h</sup> 35 <sup>m</sup> —19 <sup>h</sup> ; ⊖23 <sup>h</sup> .                                   |
| 25               | —                               | —      | 1.7                                 | 223  | ⊕11 <sup>h</sup> 25 <sup>m</sup> —13 <sup>h</sup> ; □n.  |
| 26               | —                               | —      | 3.1                                 | 219  |  |
| 27               | —                               | 0.2    | 2.3                                 | 213  | T(NE)14 <sup>h</sup> 25 <sup>m</sup> ; ●n.   |
| 28               | 1.3                             | —      | 0.8                                 | 197  | ● <sup>0</sup> —7 <sup>h</sup> 45 <sup>m</sup> ; ●p; ◡19 <sup>h</sup> 30 <sup>m</sup> —35 <sup>m</sup> . |
| 29               | —                               | —      | 0.6                                 | 192  |  |
| 30               | —                               | —      | 1.2                                 | 186  | □n.  |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtlgk<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|---------------------------------------|----------------------------|------------------|
| 58.97                         | 4.25                                | 80                                    | —                          | 1                |
| 58.85                         | 3.29                                | 83                                    | —                          | 4                |
| 59.02                         | 4.30                                | 81                                    | 6.9                        | 7                |
| 59.24                         | 7.77                                | 68                                    | 6.7                        | 10               |
| 59.14                         | 10.16                               | 59                                    | 7.2                        | 13               |
| 58.85                         | 11.03                               | 57                                    | 7.2                        | 16               |
| 58.92                         | 8.49                                | 67                                    | 6.2                        | 19               |
| 59.16                         | 5.59                                | 76                                    | 5.1                        | 22               |
| 59.02                         | 6.86                                | 71                                    | 6.6                        | Mittel<br>keskm. |

## Mai 1918 Mai.

| Datum<br>Kuupäew | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |       |       |       |      |      |      |       |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|-------|-------|-------|------|------|------|-------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h    | 7h    | 10h   | 13h  | 16h  | 19h  | 22h   |
| 1                | 64.0                              | 64.0 | 64.0 | 64.1 | 63.6 | 63.0 | 62.6 | 62.3 | — 1.0                       | — 2.0 | 0.5   | 6.7   | 10.4 | 12.0 | 10.0 | 5.7   |
| 2                | 61.6                              | 61.2 | 60.5 | 59.5 | 57.0 | 56.0 | 55.8 | 56.0 | 2.2                         | 0.4   | 3.4   | 9.0   | 15.2 | 16.2 | 13.3 | 7.5   |
| 3                | 57.0                              | 58.1 | 59.1 | 59.8 | 59.7 | 59.8 | 60.5 | 61.9 | 5.8                         | 2.2   | 4.1   | 5.8   | 7.5  | 6.3  | 3.0  | — 0.2 |
| 4                | 62.6                              | 63.8 | 65.0 | 65.5 | 65.5 | 65.0 | 64.9 | 64.8 | — 1.6                       | — 3.0 | — 1.6 | — 0.3 | 0.8  | 1.8  | 0.5  | — 2.0 |
| 5                | 64.8                              | 64.7 | 64.1 | 62.8 | 60.6 | 58.7 | 57.5 | 56.7 | — 3.9                       | — 4.8 | — 0.1 | 3.8   | 6.3  | 7.3  | 3.0  | 1.0   |
| 6                | 56.0                              | 56.1 | 57.2 | 58.2 | 58.6 | 58.3 | 58.0 | 57.8 | 0.9                         | 0.3   | 4.0   | 6.5   | 7.4  | 8.7  | 8.3  | 3.8   |
| 7                | 57.4                              | 56.7 | 55.9 | 55.0 | 54.4 | 55.6 | 56.4 | 56.8 | 1.8                         | 0.2   | 4.7   | 8.6   | 12.4 | 7.4  | 3.8  | 2.4   |
| 8                | 57.4                              | 57.5 | 57.5 | 57.6 | 57.0 | 56.5 | 57.0 | 58.0 | — 0.2                       | — 2.5 | 1.6   | 3.0   | 4.4  | 4.0  | 3.0  | — 0.4 |
| 9                | 58.7                              | 59.2 | 60.3 | 60.7 | 60.8 | 60.8 | 61.1 | 61.9 | — 1.8                       | — 2.8 | 0.2   | 2.0   | 3.5  | 4.4  | 3.0  | 0.4   |
| 10               | 62.8                              | 63.9 | 64.7 | 65.0 | 64.9 | 64.8 | 64.6 | 65.2 | — 0.8                       | — 1.4 | 0.3   | 2.6   | 3.8  | 6.7  | 4.4  | 1.3   |
| 11               | 65.8                              | 66.3 | 66.7 | 66.3 | 65.9 | 65.3 | 65.0 | 65.4 | — 0.8                       | — 2.5 | 2.0   | 4.8   | 6.6  | 9.5  | 7.0  | 3.8   |
| 12               | 65.8                              | 65.9 | 66.1 | 65.9 | 65.4 | 64.2 | 63.4 | 63.7 | 1.8                         | — 1.1 | 4.8   | 8.6   | 9.4  | 13.7 | 10.7 | 6.0   |
| 13               | 63.8                              | 63.7 | 63.8 | 63.1 | 62.4 | 61.6 | 61.1 | 61.6 | 2.6                         | — 0.1 | 5.3   | 10.0  | 12.0 | 12.4 | 11.2 | 6.7   |
| 14               | 62.0                              | 62.1 | 62.6 | 63.1 | 63.0 | 62.0 | 61.9 | 62.4 | 3.8                         | 2.4   | 7.0   | 10.8  | 12.0 | 15.3 | 10.9 | 7.0   |
| 15               | 62.7                              | 63.1 | 63.7 | 63.4 | 62.4 | 61.1 | 60.7 | 60.6 | 4.3                         | 2.8   | 10.4  | 13.2  | 16.6 | 18.5 | 16.0 | 10.6  |
| 16               | 60.0                              | 59.5 | 59.1 | 59.0 | 58.8 | 58.1 | 58.0 | 58.4 | 9.8                         | 10.5  | 11.1  | 16.8  | 19.8 | 20.8 | 18.2 | 13.0  |
| 17               | 58.8                              | 59.0 | 59.2 | 58.8 | 57.7 | 56.8 | 56.4 | 56.5 | 9.8                         | 7.9   | 11.4  | 17.5  | 21.3 | 22.1 | 19.2 | 13.8  |
| 18               | 56.5                              | 56.3 | 56.1 | 56.0 | 54.9 | 54.5 | 54.0 | 54.2 | 10.8                        | 8.4   | 14.4  | 19.8  | 23.4 | 24.0 | 20.8 | 15.0  |
| 19               | 54.1                              | 54.3 | 53.5 | 53.1 | 52.7 | 53.4 | 54.1 | 55.7 | 11.8                        | 10.0  | 14.5  | 19.6  | 21.9 | 21.5 | 18.4 | 13.2  |
| 20               | 57.0                              | 58.1 | 59.4 | 60.0 | 59.8 | 59.1 | 58.9 | 59.1 | 9.0                         | 5.1   | 11.1  | 14.2  | 17.0 | 18.4 | 15.0 | 9.5   |
| 21               | 59.2                              | 59.5 | 60.0 | 60.0 | 59.9 | 59.0 | 58.7 | 58.5 | 8.5                         | 5.3   | 10.8  | 14.0  | 16.2 | 17.0 | 15.0 | 11.7  |
| 22               | 58.0                              | 57.0 | 55.9 | 54.5 | 52.2 | 50.3 | 48.2 | 48.3 | 11.1                        | 10.2  | 13.5  | 17.2  | 19.8 | 17.2 | 15.3 | 12.0  |
| 23               | 49.2                              | 49.5 | 50.5 | 50.7 | 51.0 | 51.0 | 50.8 | 51.5 | 9.6                         | 9.5   | 10.6  | 14.2  | 16.5 | 16.0 | 14.8 | 10.0  |
| 24               | 51.6                              | 51.3 | 51.0 | 50.6 | 50.5 | 50.1 | 49.9 | 50.4 | 6.6                         | 4.1   | 8.4   | 11.2  | 10.8 | 12.0 | 11.3 | 8.0   |
| 25               | 50.3                              | 50.0 | 49.8 | 50.1 | 49.9 | 50.1 | 50.2 | 51.0 | 5.8                         | 4.1   | 9.4   | 11.2  | 12.1 | 11.0 | 11.2 | 9.0   |
| 26               | 51.6                              | 51.8 | 52.0 | 52.6 | 53.2 | 53.0 | 53.5 | 54.1 | 6.0                         | 4.5   | 6.6   | 8.7   | 10.2 | 11.4 | 9.3  | 5.4   |
| 27               | 54.4                              | 54.1 | 53.9 | 53.3 | 53.2 | 53.1 | 54.3 | 54.9 | 3.0                         | 1.6   | 7.4   | 11.2  | 10.2 | 9.8  | 6.7  | 2.6   |
| 28               | 55.0                              | 55.1 | 55.4 | 55.6 | 55.4 | 55.5 | 56.0 | 56.6 | 0.0                         | — 1.3 | 3.6   | 4.6   | 6.0  | 7.1  | 7.1  | 3.6   |
| 29               | 56.9                              | 57.2 | 57.8 | 57.8 | 57.4 | 57.1 | 57.0 | 57.1 | 1.2                         | — 1.2 | 6.6   | 11.5  | 14.8 | 16.3 | 15.7 | 9.4   |
| 30               | 57.6                              | 57.6 | 57.1 | 55.9 | 54.9 | 53.7 | 52.7 | 51.7 | 6.6                         | 5.5   | 12.2  | 16.9  | 21.2 | 20.5 | 17.5 | 11.8  |
| 31               | 50.8                              | 49.1 | 48.0 | 49.6 | 49.6 | 49.4 | 49.5 | 49.7 | 9.6                         | 8.5   | 11.8  | 10.4  | 14.4 | 14.6 | 11.6 | 6.3   |

## Ergänzende Beobachtungen um 21h.

|                                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Luftdruck-<br>õhurõhumine        | 62.5 | 55.8 | 61.5 | 64.8 | 57.2 | 57.9 | 56.7 | 57.8 | 61.6 | 65.1 | 65.2 | 63.7 | 61.6 | 62.1 | 60.6 |
| Temperatur<br>temperatuur        | 6.8  | 9.5  | 0.7  | -1.4 | 2.0  | 5.2  | 2.8  | 0.4  | 1.0  | 2.2  | 4.4  | 6.6  | 7.4  | 8.2  | 13.2 |
| Relat. Feucht-<br>relat. niiskus | 47   | 73   | 55   | 54   | 90   | 57   | 72   | 51   | 60   | 51   | 43   | 51   | 51   | 49   | 34   |
| Bewölkung<br>pilwitus            | 1    | 2    | 1    | 1    | 10   | 0    | 5    | 1    | 8    | 8    | 1    | 2    | 1    | 1    | 7    |
| Tempe-<br>ratur                  | 12.1 | 16.7 | 10.0 | 1.9  | 7.5  | 9.5  | 13.5 | 6.9  | 6.0  | 6.8  | 9.8  | 14.1 | 15.5 | 15.6 | 18.7 |
| (min.)                           | -2.4 | 0.2  | 0.6  | -3.4 | -5.0 | -0.1 | 0.0  | -3.2 | -3.6 | -1.5 | -2.5 | -1.2 | -0.4 | 2.2  | 2.8  |

## Mai 1918 Mai.

| Datum<br>Kuupäew. | Relative Feuchtigkeit<br>relatiivne niiskus |    |    |     |     |     |     |     | Absolute Feuch-<br>tigkeit<br>absoluutne niis-<br>kus |     |     | Kompletive<br>Feuchtigkeit<br>täisniiskuse<br>puudus |      |     | Feuchtes Thermo-<br>meter<br>märg termomeeter |       |       |
|-------------------|---|----|----|-----|-----|-----|-----|-----|---|-----|-----|--|------|-----|---|-------|-------|
|                   | 1h  | 4h | 7h | 10h | 13h | 16h | 19h | 22h | 7h  | 13h | 21h | 7h   | 13h  | 21h | 7h  | 13h   | 21h   |
| 1                 | 80  | 86 | 77 | 37  | 28  | 27  | 37  | 54  | 3.6   | 2.6 | 3.5 | 1.1  | 6.7  | 3.9 | — 1.0   | 3.8   | 2.7   |
| 2                 | 65  | 74 | 65 | 52  | 39  | 44  | 55  | 81  | 3.8   | 5.0 | 6.4 | 2.0  | 7.8  | 2.2 | 1.1   | 8.6   | 7.2   |
| 3                 | 75  | 72 | 66 | 53  | 44  | 43  | 46  | 58  | 4.0   | 3.4 | 2.6 | 2.1  | 4.3  | 2.2 | 1.8   | 3.0   | — 2.1 |
| 4                 | 67  | 67 | 49 | 48  | 46  | 48  | 49  | 57  | 2.0   | 2.2 | 2.2 | 2.1  | 2.6  | 1.9 | — 4.1   | — 2.2 | — 3.8 |
| 5                 | 68  | 70 | 61 | 49  | 41  | 45  | 64  | 91  | 2.8   | 3.0 | 4.8 | 1.8  | 4.2  | 0.5 | — 2.8   | 1.8   | 1.4   |
| 6                 | 95  | 97 | 82 | 57  | 45  | 43  | 44  | 66  | 5.0   | 3.5 | 3.8 | 1.1  | 4.2  | 2.8 | 2.8   | 3.0   | 2.1   |
| 7                 | 75  | 82 | 75 | 51  | 42  | 65  | 67  | 72  | 4.8   | 4.5 | 4.0 | 1.6  | 6.2  | 1.6 | 3.0   | 6.7   | 1.0   |
| 8                 | 70  | 74 | 61 | 47  | 46  | 48  | 45  | 54  | 3.1   | 2.9 | 2.4 | 2.0  | 3.4  | 2.3 | — 0.6   | 0.6   | — 2.3 |
| 9                 | 65  | 69 | 60 | 51  | 49  | 50  | 53  | 61  | 2.8   | 2.9 | 3.0 | 1.8  | 3.0  | 2.0 | — 2.0   | 0.1   | — 1.2 |
| 10                | 73  | 69 | 61 | 49  | 43  | 43  | 46  | 62  | 2.8   | 2.6 | 2.7 | 1.8  | 3.4  | 2.6 | — 1.8   | 0.0   | — 0.8 |
| 11                | 72  | 78 | 63 | 50  | 43  | 42  | 43  | 42  | 3.3   | 3.1 | 2.7 | 2.0  | 4.1  | 3.5 | — 0.2   | 2.2   | 0.4   |
| 12                | 62  | 73 | 63 | 35  | 32  | 31  | 38  | 50  | 4.0   | 2.8 | 3.7 | 2.4  | 6.0  | 3.6 | 2.2   | 3.4   | 2.8   |
| 13                | 71  | 84 | 76 | 42  | 34  | 34  | 37  | 56  | 5.0   | 3.5 | 3.9 | 1.6  | 6.9  | 3.8 | 3.6   | 5.6   | 3.5   |
| 14                | 73  | 78 | 69 | 40  | 36  | 36  | 40  | 53  | 5.1   | 3.8 | 4.0 | 2.4  | 6.6  | 4.1 | 4.6   | 5.8   | 4.0   |
| 15                | 62  | 60 | 49 | 27  | 24  | 24  | 28  | 40  | 4.6   | 3.4 | 3.8 | 4.8  | 10.6 | 7.4 | 5.8   | 7.8   | 6.5   |
| 16                | 46  | 45 | 50 | 43  | 38  | 36  | 45  | 66  | 4.9   | 6.5 | 7.7 | 4.9  | 10.6 | 4.5 | 6.5   | 12.0  | 10.7  |
| 17                | 86  | 88 | 80 | 52  | 42  | 38  | 49  | 57  | 8.0   | 8.0 | 6.9 | 2.0  | 10.8 | 5.8 | 9.6   | 13.8  | 10.3  |
| 18                | 72  | 86 | 61 | 42  | 36  | 37  | 42  | 62  | 7.4   | 7.7 | 7.9 | 4.8  | 13.7 | 6.1 | 10.4  | 14.4  | 11.8  |
| 19                | 79  | 83 | 65 | 55  | 47  | 38  | 47  | 71  | 8.0   | 9.1 | 8.2 | 4.2  | 10.4 | 3.9 | 11.0  | 14.9  | 11.0  |
| 20                | 79  | 87 | 60 | 44  | 33  | 34  | 45  | 88  | 5.9   | 4.7 | 7.5 | 3.9  | 9.6  | 2.0 | 7.5   | 9.2   | 8.8   |
| 21                | 92  | 96 | 71 | 50  | 42  | 39  | 47  | 58  | 6.9   | 5.8 | 6.1 | 2.8  | 7.9  | 4.6 | 8.3   | 9.8   | 8.3   |
| 22                | 59  | 64 | 55 | 49  | 48  | 60  | 75  | 95  | 6.3   | 8.2 | 9.2 | 5.2  | 8.9  | 2.3 | 9.0   | 13.4  | 11.6  |
| 23                | 99  | 97 | 80 | 44  | 29  | 35  | 40  | 65  | 7.6   | 4.0 | 5.8 | 1.9  | 10.0 | 3.9 | 8.9   | 8.2   | 7.2   |
| 24                | 77  | 90 | 75 | 47  | 58  | 42  | 44  | 61  | 6.2   | 5.6 | 5.2 | 2.0  | 4.1  | 3.7 | 6.4   | 7.0   | 6.1   |
| 25                | 85  | 95 | 83 | 52  | 51  | 76  | 57  | 61  | 7.3   | 5.3 | 5.2 | 1.5  | 5.2  | 3.7 | 8.0   | 7.4   | 6.0   |
| 26                | 65  | 71 | 63 | 53  | 53  | 52  | 55  | 60  | 4.6   | 4.9 | 4.0 | 2.7  | 4.4  | 3.1 | 3.8   | 6.0   | 3.1   |
| 27                | 69  | 86 | 67 | 49  | 51  | 42  | 53  | 58  | 5.1   | 4.7 | 3.1 | 2.5  | 4.6  | 2.6 | 4.8   | 5.8   | 0.2   |
| 28                | 76  | 73 | 58 | 55  | 51  | 52  | 51  | 62  | 3.4   | 3.5 | 3.6 | 2.5  | 3.4  | 2.5 | 0.8   | 2.3   | 1.4   |
| 29                | 72  | 83 | 79 | 41  | 30  | 32  | 38  | 55  | 5.7   | 3.8 | 4.6 | 1.6  | 8.7  | 5.2 | 5.0   | 7.2   | 6.1   |
| 30                | 74  | 89 | 65 | 51  | 40  | 38  | 43  | 58  | 6.8   | 7.5 | 6.4 | 3.7  | 11.2 | 5.4 | 8.9   | 13.4  | 9.2   |
| 31                | 67  | 74 | 76 | 71  | 40  | 38  | 43  | 62  | 7.8   | 4.8 | 4.2 | 2.5  | 7.4  | 3.7 | 9.6   | 8.0   | 4.0   |

Täiendawad waatlused kell 21.

| 16          | 17          | 18          | 19           | 20          | 21          | 22           | 23          | 24          | 25          | 26          | 27          | 28          | 29           | 30          | 31          | Mittel<br>keskm |
|-------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-----------------|
| 58.2        | 56.4        | 54.1        | 55.1         | 59.0        | 58.5        | 48.1         | 51.2        | 50.1        | 50.7        | 53.8        | 54.7        | 56.5        | 57.0         | 52.3        | 49.7        | 57.40           |
| 14.4        | 15.1        | 16.6        | 14.2         | 10.6        | 12.4        | 13.5         | 10.8        | 9.7         | 9.6         | 6.4         | 3.2         | 4.2         | 11.0         | 13.8        | 7.8         | 7.82            |
| 63          | 54          | 56          | 68           | 79          | 57          | 80           | 60          | 58          | 58          | 56          | 55          | 59          | 47           | 54          | 53          | 58              |
| 7           | 2           | 3           | 2            | 8           | 10          | 10           | 8           | 1           | 8           | 6           | 2           | 1           | 5            | 10          | 1           | 4.3             |
| 21.0<br>9.5 | 22.8<br>7.8 | 24.6<br>8.2 | 23.1<br>10.0 | 19.0<br>5.0 | 17.1<br>5.2 | 20.0<br>10.0 | 16.9<br>9.4 | 13.6<br>4.0 | 14.3<br>4.0 | 11.5<br>4.3 | 11.7<br>1.4 | 7.5<br>-1.4 | 16.5<br>-1.4 | 22.4<br>5.5 | 15.8<br>7.8 | 14.27<br>2.32   |

| Datum<br>Kupäew | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |  |  |  |  |
|-----------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
|                 | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |  |  |  |  |
|                 | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |  |  |  |  |
| 1               | 1.2                                 | 2.2 | 2.4 | 2.7 | 3.6 | 3.6 | 3.0 | 3.1 | 0.9               | —   | —   | 0.6 | 0.4 | —   | —   | 2.0 | 0.5 | —   | —   | 2.3 |  |  |  |  |
| 2               | 4.3                                 | 4.3 | 4.5 | 5.0 | 7.2 | 6.1 | 3.9 | 3.0 | 0.1               | —   | 0.2 | 4.3 | 0.2 | —   | 0.3 | 4.2 | 0.4 | —   | 0.2 | 4.3 |  |  |  |  |
| 3               | 2.7                                 | 2.7 | 3.5 | 3.5 | 4.3 | 4.4 | 4.5 | 2.4 | 1.9               | —   | —   | 1.5 | 1.9 | —   | —   | 1.4 | 2.9 | 1.0 | —   | 0.3 |  |  |  |  |
| 4               | 2.3                                 | 2.4 | 5.1 | 4.3 | 4.2 | 3.8 | 2.7 | 0.6 | 1.9               | 0.8 | —   | —   | 2.2 | —   | —   | 0.1 | 3.3 | 2.3 | —   | —   |  |  |  |  |
| 5               | 0.9                                 | 1.2 | 3.3 | 4.3 | 5.1 | 4.8 | 3.9 | 2.9 | 0.1               | —   | —   | 0.9 | —   | —   | —   | 1.3 | —   | —   | 1.1 | 2.8 |  |  |  |  |
| 6               | 2.9                                 | 2.4 | 3.2 | 3.6 | 3.0 | 2.4 | 1.5 | 2.4 | 0.1               | —   | 0.2 | 2.9 | 0.6 | —   | —   | 2.1 | 2.7 | 0.6 | —   | 0.3 |  |  |  |  |
| 7               | 2.8                                 | 3.3 | 4.6 | 5.2 | 4.0 | 6.0 | 3.8 | 3.1 | 0.1               | —   | 0.2 | 2.8 | 0.1 | —   | 0.3 | 3.2 | 0.2 | —   | 0.5 | 4.4 |  |  |  |  |
| 8               | 2.2                                 | 1.2 | 3.4 | 3.8 | 2.8 | 4.6 | 3.4 | 2.0 | 0.1               | 2.2 | 0.1 | —   | 0.1 | 1.2 | 0.1 | —   | 0.8 | 3.0 | 0.1 | —   |  |  |  |  |
| 9               | 0.9                                 | 0.5 | 1.1 | 1.7 | 2.4 | 2.4 | 2.6 | 2.5 | 0.4               | 0.4 | —   | —   | —   | 0.6 | —   | —   | 0.1 | 1.0 | 0.2 | —   |  |  |  |  |
| 10              | 2.9                                 | 3.0 | 3.0 | 3.0 | 3.6 | 3.6 | 2.7 | 2.0 | 0.6               | 2.6 | 0.2 | —   | 0.1 | 2.9 | 0.6 | —   | 0.3 | 2.6 | 0.4 | —   |  |  |  |  |
| 11              | 1.8                                 | 1.2 | 2.5 | 2.8 | 2.7 | 2.2 | 1.8 | 1.4 | 0.3               | 1.5 | 0.1 | —   | —   | 1.2 | 0.1 | —   | —   | 2.4 | 0.4 | —   |  |  |  |  |
| 12              | 1.1                                 | 0.7 | 1.4 | 2.2 | 2.1 | 3.6 | 1.9 | 1.3 | 0.3               | 1.0 | —   | —   | —   | 0.5 | 0.5 | —   | —   | 0.9 | 0.8 | —   |  |  |  |  |
| 13              | 0.7                                 | 0.9 | 2.1 | 2.7 | 2.7 | 3.1 | 2.0 | 0.9 | —                 | 0.7 | 0.5 | —   | —   | 0.4 | 0.6 | —   | —   | 1.8 | 0.8 | —   |  |  |  |  |
| 14              | 0.6                                 | 0.9 | 2.5 | 4.9 | 3.9 | 2.9 | 2.7 | 2.2 | —                 | 0.4 | 0.4 | —   | —   | 0.7 | 0.4 | —   | —   | 2.0 | 0.9 | —   |  |  |  |  |
| 15              | 1.3                                 | 1.2 | 2.1 | 4.0 | 3.5 | 3.3 | 2.2 | 2.0 | —                 | 0.4 | 1.1 | —   | —   | —   | 1.3 | —   | —   | 1.7 | 0.9 | —   |  |  |  |  |
| 16              | 2.8                                 | 4.3 | 4.0 | 4.5 | 5.0 | 4.8 | 3.3 | 2.5 | —                 | —   | 2.3 | 1.0 | —   | —   | 2.3 | 3.1 | —   | —   | 2.5 | 2.7 |  |  |  |  |
| 17              | 2.5                                 | 2.7 | 2.7 | 3.9 | 4.6 | 5.1 | 4.2 | 3.9 | 0.2               | —   | —   | 2.5 | —   | —   | 0.2 | 2.6 | 0.1 | —   | 0.3 | 2.6 |  |  |  |  |
| 18              | 3.8                                 | 3.5 | 3.6 | 4.8 | 6.3 | 6.4 | 4.6 | 3.9 | 0.1               | —   | 0.4 | 3.7 | —   | —   | 0.7 | 3.3 | 0.2 | —   | 0.3 | 3.4 |  |  |  |  |
| 19              | 3.9                                 | 3.7 | 4.3 | 5.6 | 7.2 | 7.1 | 4.8 | 3.1 | —                 | —   | 0.4 | 3.8 | —   | —   | 0.9 | 3.4 | 0.1 | —   | 1.1 | 3.7 |  |  |  |  |
| 20              | 2.1                                 | 2.5 | 3.2 | 3.2 | 3.6 | 3.6 | 3.8 | 2.4 | 0.3               | —   | —   | 2.1 | 0.5 | —   | —   | 2.3 | 2.4 | —   | —   | 1.4 |  |  |  |  |
| 21              | 2.2                                 | 2.4 | 2.4 | 3.0 | 3.3 | 3.0 | 1.9 | 0.7 | 0.3               | —   | —   | 2.2 | 1.1 | —   | —   | 2.0 | 1.7 | 0.2 | —   | 1.0 |  |  |  |  |
| 22              | 1.0                                 | 0.9 | 2.1 | 3.1 | 4.5 | 3.0 | 3.5 | 4.8 | —                 | —   | 1.0 | 0.1 | —   | —   | 0.9 | —   | —   | 0.2 | 1.2 | 1.2 |  |  |  |  |
| 23              | 4.7                                 | 4.5 | 5.6 | 6.6 | 5.3 | 3.9 | 3.2 | 2.2 | 3.3               | —   | —   | 2.5 | 3.1 | —   | —   | 2.5 | 4.1 | 0.1 | —   | 2.7 |  |  |  |  |
| 24              | 2.4                                 | 2.7 | 3.0 | 3.4 | 3.3 | 1.8 | 1.5 | 1.9 | 1.4               | —   | —   | 1.6 | 1.3 | —   | —   | 1.9 | 2.2 | —   | —   | 1.7 |  |  |  |  |
| 25              | 1.2                                 | 1.2 | 2.4 | 3.7 | 4.8 | 4.1 | 4.3 | 5.3 | 0.5               | 0.9 | —   | —   | 0.8 | 0.9 | —   | —   | 0.6 | 2.1 | 0.1 | —   |  |  |  |  |
| 26              | 4.5                                 | 3.6 | 5.9 | 5.1 | 5.1 | 4.5 | 3.8 | 2.5 | 2.7               | 3.1 | —   | 0.1 | 2.2 | 2.4 | —   | —   | 3.3 | 3.9 | —   | —   |  |  |  |  |
| 27              | 2.2                                 | 2.2 | 2.0 | 3.1 | 4.5 | 4.8 | 4.8 | 1.8 | 1.9               | 0.1 | —   | 0.7 | 1.5 | —   | —   | 1.5 | 1.5 | —   | —   | 1.5 |  |  |  |  |
| 28              | 1.7                                 | 1.5 | 3.9 | 4.0 | 3.9 | 3.0 | 1.9 | 0.8 | 1.2               | —   | —   | 0.8 | 1.3 | —   | —   | 0.5 | 2.9 | 1.6 | —   | 0.2 |  |  |  |  |
| 29              | 0.4                                 | 0.8 | 1.9 | 2.7 | 2.7 | 1.6 | 0.7 | 2.4 | —                 | —   | —   | —   | 0.3 | —   | —   | 0.6 | 0.7 | —   | 0.2 | 1.5 |  |  |  |  |
| 30              | 3.1                                 | 2.3 | 3.0 | 4.6 | 6.0 | 6.6 | 5.4 | 4.1 | 0.2               | —   | 0.2 | 3.0 | —   | —   | 0.4 | 2.2 | —   | —   | 0.9 | 2.6 |  |  |  |  |
| 31              | 3.7                                 | 4.5 | 5.2 | 4.2 | 5.8 | 6.1 | 5.0 | 3.5 | —                 | —   | 1.3 | 3.3 | —   | —   | 2.0 | 3.7 | 1.3 | —   | —   | 4.4 |  |  |  |  |

T a g e s m i t t e l

|                                    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>ðhurðhumine           | 63.45 | 58.45 | 59.49 | 64.64 | 61.24 | 57.52 | 56.02 | 57.31 | 60.44 | 64.49 | 65.84 | 65.05 | 62.64 | 62.39 | 62.21 |
| Temperatur<br>temperatuur          | 5.29  | 8.40  | 4.31  | -0.68 | 1.58  | 4.99  | 5.16  | 1.61  | 1.11  | 2.11  | 3.80  | 6.74  | 7.51  | 8.65  | 11.55 |
| Relat. Feucht.<br>relat. niiskus   | 53    | 59    | 57    | 54    | 61    | 66    | 66    | 56    | 57    | 56    | 54    | 48    | 54    | 53    | 39    |
| Absol. Feucht.<br>absol. niiskus   | 3.23  | 5.07  | 3.33  | 2.13  | 3.53  | 4.10  | 4.43  | 2.80  | 2.90  | 2.70  | 3.03  | 3.50  | 4.13  | 4.30  | 3.93  |
| Kompl. Feucht.<br>täisniisk.pundus | 3.90  | 4.00  | 2.87  | 2.20  | 2.17  | 2.70  | 3.13  | 2.57  | 2.27  | 2.60  | 3.20  | 4.00  | 4.10  | 4.37  | 7.60  |

## Mai 1918 Mai.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |
| 1.2                                  | —   | 0.1 | 2.0 | 2.3 | 0.1 | —   | 2.0 | 2.5 | 0.1 | —   | 1.9 | 1.4 | —   | —   | 2.3 | 0.4 | —   | —   | 3.0 | 1.20            | 0.02 | 0.01 | 2.01 |
| 0.5                                  | —   | 0.3 | 4.7 | 1.0 | —   | 0.3 | 6.7 | 2.3 | —   | —   | 5.0 | 1.4 | —   | —   | 3.2 | 0.4 | —   | 0.2 | 2.8 | 0.79            | —    | 0.19 | 4.40 |
| 2.6                                  | 0.8 | —   | 0.9 | 3.4 | 0.5 | —   | 1.2 | 3.7 | 1.0 | —   | 0.6 | 3.4 | 2.1 | —   | 0.1 | 2.2 | 0.4 | —   | 0.1 | 2.75            | 0.78 | —    | 0.76 |
| 3.0                                  | 2.2 | —   | 0.2 | 3.3 | 1.5 | —   | 0.3 | 2.5 | 1.8 | —   | 0.2 | 1.3 | 2.0 | —   | —   | 0.3 | 0.3 | —   | —   | 2.22            | 1.48 | —    | 0.10 |
| 0.3                                  | —   | 0.7 | 4.0 | 0.3 | —   | 0.8 | 4.6 | 0.4 | —   | 0.4 | 4.6 | 0.1 | —   | 0.3 | 3.7 | 0.1 | —   | 0.5 | 2.8 | 0.16            | —    | 0.48 | 3.09 |
| 2.4                                  | 1.4 | —   | 0.4 | 2.4 | 0.8 | —   | 0.4 | 1.6 | 0.4 | —   | 0.9 | 0.6 | —   | —   | 1.2 | 0.1 | —   | 0.5 | 1.8 | 1.31            | 0.40 | 0.09 | 1.25 |
| 0.6                                  | —   | 0.3 | 4.9 | 2.2 | 1.3 | 0.1 | 1.3 | 3.1 | 4.3 | —   | —   | 1.4 | 3.0 | 0.1 | —   | 1.1 | 2.6 | —   | —   | 1.10            | 1.40 | 0.19 | 2.08 |
| 1.2                                  | 3.2 | 0.2 | —   | 0.9 | 2.1 | 0.2 | 0.1 | 2.8 | 3.0 | 0.1 | —   | 2.3 | 2.0 | —   | —   | 1.5 | 0.9 | —   | —   | 1.21            | 2.20 | 0.10 | 0.01 |
| 0.8                                  | 1.2 | —   | 0.2 | 0.5 | 2.1 | 0.4 | —   | 0.5 | 2.2 | 0.3 | —   | 0.4 | 2.5 | 0.1 | —   | 1.1 | 2.0 | —   | —   | 0.48            | 1.50 | 0.12 | 0.02 |
| 0.6                                  | 2.6 | 0.3 | —   | 0.7 | 3.1 | 0.3 | —   | 0.5 | 3.3 | 0.5 | —   | 0.6 | 2.4 | 0.1 | —   | 1.2 | 1.3 | —   | —   | 0.58            | 2.60 | 0.30 | —    |
| 0.5                                  | 2.3 | 0.3 | —   | 0.5 | 2.3 | 0.4 | —   | 0.2 | 1.9 | 0.5 | 0.1 | 0.2 | 1.6 | 0.2 | —   | 0.5 | 1.2 | —   | —   | 0.28            | 1.80 | 0.25 | 0.01 |
| 0.2                                  | 1.7 | 0.9 | —   | 0.3 | 1.6 | 0.8 | —   | 0.1 | 2.3 | 1.2 | —   | —   | 1.9 | 0.2 | —   | —   | 1.1 | 0.3 | —   | 0.11            | 1.38 | 0.59 | —    |
| —                                    | 2.0 | 1.3 | —   | —   | 1.7 | 1.6 | —   | —   | 2.5 | 1.1 | —   | —   | 1.5 | 0.9 | —   | —   | 0.8 | 0.3 | —   | —               | 1.42 | 0.89 | —    |
| —                                    | 3.9 | 1.8 | —   | —   | 3.1 | 1.5 | —   | —   | 2.2 | 1.1 | —   | —   | 2.1 | 1.1 | —   | —   | 1.5 | 1.5 | —   | —               | 1.99 | 1.09 | —    |
| —                                    | —   | 3.0 | 1.8 | —   | —   | 2.4 | 2.0 | —   | —   | 1.9 | 2.4 | —   | —   | 0.6 | 2.0 | —   | —   | 1.7 | 0.3 | —               | 0.05 | 1.71 | 1.18 |
| 0.1                                  | —   | 1.3 | 3.8 | 0.2 | —   | 0.8 | 4.5 | 0.2 | —   | 0.7 | 4.6 | 0.1 | —   | 0.5 | 3.1 | 0.5 | —   | 0.2 | 2.2 | 0.14            | —    | 1.32 | 3.12 |
| 0.3                                  | —   | 0.5 | 3.6 | 0.6 | —   | 0.3 | 4.3 | 0.3 | —   | 0.5 | 4.9 | 0.1 | —   | 0.5 | 4.0 | 0.1 | —   | 0.3 | 3.8 | 0.21            | —    | 0.32 | 3.54 |
| 0.2                                  | —   | 0.7 | 4.5 | 0.3 | —   | 0.8 | 5.8 | 0.4 | —   | 0.7 | 5.9 | 0.1 | —   | 0.6 | 4.2 | 0.1 | —   | 0.5 | 3.7 | 0.18            | —    | 0.59 | 4.31 |
| 0.2                                  | —   | 1.0 | 5.2 | 1.4 | —   | 0.3 | 6.5 | 2.6 | —   | —   | 5.8 | 2.1 | —   | —   | 3.9 | 1.0 | —   | —   | 2.7 | 0.92            | —    | 0.46 | 4.38 |
| 2.4                                  | 0.3 | —   | 1.3 | 2.7 | 0.3 | —   | 1.3 | 1.8 | —   | —   | 2.6 | 1.5 | —   | —   | 3.0 | 0.3 | —   | —   | 2.4 | 1.49            | 0.08 | —    | 2.05 |
| 2.4                                  | 0.5 | —   | 0.9 | 2.6 | 0.4 | —   | 0.8 | 2.3 | 0.9 | —   | 0.4 | 0.7 | 1.6 | —   | —   | —   | 0.5 | 0.3 | 0.2 | 1.39            | 0.51 | 0.04 | 0.94 |
| —                                    | —   | 1.1 | 2.6 | —   | —   | 1.2 | 3.9 | —   | —   | 0.6 | 2.7 | 0.6 | —   | 0.3 | 3.1 | 2.9 | —   | —   | 3.1 | 0.44            | 0.02 | 0.79 | 2.09 |
| 5.0                                  | 0.2 | —   | 2.8 | 4.0 | 0.3 | —   | 1.9 | 3.0 | 0.2 | —   | 1.4 | 2.2 | 0.3 | —   | 1.4 | 1.7 | 0.2 | —   | 1.0 | 3.30            | 0.16 | —    | 2.02 |
| 2.3                                  | —   | —   | 2.3 | 2.1 | 0.9 | —   | 1.4 | 1.2 | 0.9 | —   | 0.1 | 0.4 | 1.2 | 0.5 | 1.2 | 1.0 | 1.4 | —   | —   | 1.49            | 0.55 | 0.06 | 1.28 |
| 1.3                                  | 3.0 | 0.2 | —   | 1.6 | 3.9 | 0.2 | —   | 1.3 | 3.4 | 0.2 | —   | 1.7 | 3.5 | 0.1 | —   | 2.6 | 4.2 | —   | —   | 1.30            | 2.74 | 0.10 | —    |
| 3.4                                  | 2.6 | —   | 0.1 | 3.7 | 2.5 | —   | —   | 3.7 | 1.5 | —   | —   | 2.7 | 1.6 | 0.1 | 0.1 | 2.2 | 0.5 | —   | 0.1 | 2.99            | 2.26 | 0.01 | 0.05 |
| 2.3                                  | 1.3 | —   | 0.1 | 2.6 | 2.9 | —   | —   | 3.1 | 2.6 | —   | —   | 3.1 | 2.6 | 0.1 | —   | 1.4 | 0.4 | —   | 0.1 | 2.18            | 1.24 | 0.01 | 0.49 |
| 3.0                                  | 1.4 | —   | 0.2 | 2.8 | 1.7 | —   | 0.3 | 2.2 | 1.3 | —   | 0.1 | 1.5 | 0.8 | —   | —   | 0.9 | —   | —   | —   | 1.98            | 0.85 | —    | 0.26 |
| 1.8                                  | 0.2 | —   | 1.4 | 2.0 | 0.4 | —   | 0.9 | 1.1 | 0.3 | 0.1 | 0.6 | 0.4 | —   | —   | 0.4 | 0.1 | —   | 0.1 | 2.4 | 0.80            | 0.11 | 0.05 | 0.98 |
| 0.1                                  | —   | 1.4 | 3.9 | 0.2 | —   | 1.4 | 5.3 | 0.4 | —   | 0.8 | 6.1 | 0.2 | —   | 1.0 | 5.0 | —   | —   | 1.3 | 3.6 | 0.14            | —    | 0.92 | 3.96 |
| 2.8                                  | —   | —   | 2.0 | 2.3 | —   | —   | 4.5 | 2.0 | —   | —   | 5.1 | 2.3 | —   | —   | 3.9 | 0.3 | —   | —   | 3.4 | 1.38            | —    | 0.41 | 3.79 |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | Mittel<br>keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| 58.86 | 57.90 | 55.31 | 53.86 | 58.92 | 59.35 | 53.05 | 50.52 | 50.68 | 50.18 | 52.72 | 53.90 | 55.58 | 57.29 | 55.15 | 49.46 | 57.87            |
| 15.00 | 15.38 | 17.08 | 16.36 | 12.41 | 12.31 | 14.54 | 12.65 | 9.05  | 9.22  | 7.76  | 6.56  | 3.84  | 9.29  | 14.02 | 10.90 | 8.34             |
| 46    | 62    | 55    | 61    | 59    | 62    | 63    | 61    | 62    | 70    | 59    | 59    | 60    | 54    | 57    | 59    | 57               |
| 6.37  | 7.63  | 7.67  | 8.43  | 6.03  | 6.27  | 7.90  | 5.80  | 5.67  | 5.93  | 4.50  | 4.30  | 3.50  | 4.70  | 6.90  | 5.60  | 4.85             |
| 6.67  | 6.20  | 8.20  | 6.17  | 5.17  | 5.10  | 5.47  | 5.27  | 3.27  | 3.47  | 3.40  | 3.23  | 2.80  | 5.17  | 6.77  | 4.53  | 4.28             |



## Mai 1918 Mai.

| Bewölkung Pilwitus |  |     |     |     |     |     |                 |         |           |          |           |         |         |
|--------------------|--|-----|-----|-----|-----|-----|-----------------|---------|-----------|----------|-----------|---------|---------|
| Datum<br>Kuupäew   | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |         |           |          |           |         |         |
|                    | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h     | 13h       | 16h      | 19h       | 21h     | 22h     |
|                    |  |     |     |     |     |     |                 |         |           |          |           |         |         |
| 1                  | 10   | 9   | 1   | 1   | 1   | 1   | ⊙CiS            | ⊙CiS    | ⊙Ci       | ⊙Ci      | CiS       | CiS     | St      |
| 2                  | 7  | 9   | 8   | 6   | 4   | 1   | ⊙Ci             | ⊙Ci     | ⊙Ci,CiS   | ⊙Ci      | ⊙Ci,St    | Ci,St   | Ci,St   |
| 3                  | 1  | 5   | 4   | 1   | 1   | 0   | ⊙Ci             | ⊙Cu     | ⊙Cu       | ⊙FrCu    | ⊙Ci,FrCu  | FrCu    | —       |
| 4                  | 2  | 5   | 4   | 1   | 1   | 0   | ⊙FrCu           | Cu      | ⊙Cu       | ⊙ACu     | ⊙Ci       | AS      | —       |
| 5                  | 0  | 9   | 10  | 10  | 10  | 10  | ⊙—              | ⊙CiCu   | ⊙CiS      | AS       | Nb        | Nb      | St      |
| 6                  | 8  | 7   | 9   | 3   | 1   | 0   | ⊙ACu            | ⊙Cu     | Cu        | ⊙Cu      | ⊙FrCu     | —       | —       |
| 7                  | 1  | 3   | 9   | 4   | 9   | 9   | ⊙CiS            | ⊙Cu     | Cu        | ⊙Cu      | SCu       | SCu     | SCu     |
| 8                  | 0  | 1   | 5   | 8   | 2   | 1   | ⊙—              | ⊙Cu     | ⊙Cu       | Cu       | ⊙AS       | CiS     | CiS     |
| 9                  | 8  | 9   | 8   | 3   | 7   | 6   | ⊙Ci             | ⊙Cu,Ci  | ⊙Cu       | ⊙FrCu    | SCu       | SCu     | SCu     |
| 10                 | 8  | 1   | 2   | 5   | 2   | 1   | ⊙ACu            | ⊙Cu     | ⊙Cu       | ⊙Cu      | ⊙SCu      | ACu     | FrCu    |
| 11                 | 0  | 1   | 1   | 1   | 0   | 1   | ⊙—              | ⊙FrCu   | ⊙Cu       | ⊙FrCu    | ⊙—        | Ci      | Ci      |
| 12                 | 0  | 0   | 1   | 1   | 1   | 2   | ⊙—              | ⊙—      | ⊙FrCu     | ⊙FrCu    | ⊙CiS      | AS      | AS      |
| 13                 | 2  | 3   | 7   | 3   | 1   | 1   | ⊙CiS,ACu        | ⊙Cu     | ⊙Cu,Ci    | ⊙FrCu    | ⊙CiS,Cu   | CiS     | CiS     |
| 14                 | 1  | 1   | 1   | 1   | 0   | 1   | ⊙Cu             | ⊙Cu     | ⊙ACu      | ⊙Ci      | ⊙—        | CiS     | CiS     |
| 15                 | 0  | 9   | 9   | 10  | 7   | 8   | ⊙Ci             | ⊙Ci     | ⊙Ci,CiS   | ⊙CiS     | ⊙ACu,CiCu | ACu     | ACu     |
| 16                 | 10   | 8   | 8   | 10  | 7   | 4   | SCu             | ⊙ACu    | ⊙ACu,CiS  | ⊙CiS     | ⊙Ci,CiS   | Ci,AS   | AS,St   |
| 17                 | 7  | 8   | 9   | 6   | 6   | 1   | ⊙CiS            | ⊙CiS    | ⊙Cu       | ⊙Cu,CiCu | ⊙CiCu     | Ci      | Ci      |
| 18                 | 1  | 1   | 8   | 9   | 1   | 4   | ⊙CiS            | ⊙ACu    | ⊙Ci,Cu    | ⊙Ci      | ⊙ACu      | AS      | AS,ACu  |
| 19                 | 9  | 9   | 5   | 1   | 0   | 1   | ⊙Ci,ACu         | ACu,SCu | ⊙Cu       | ⊙Cu      | ⊙—        | CiS,Cu  | CiS,SCu |
| 20                 | 2  | 9   | 10  | 8   | 9   | 8   | ⊙CiS            | ⊙Ci     | ⊙CiS,FrCu | ⊙Cu      | ⊙ACu      | Ci      | Ci      |
| 21                 | 4  | 9   | 10  | 9   | 9   | 10  | ⊙CiS            | ⊙Ci,Cu  | ⊙AS,Cu    | ACu      | SCu       | SCu     | SCu     |
| 22                 | 10   | 10  | 10  | 10  | 9   | 10  | CiS             | St      | ⊙AS       | Nb       | ⊙SCu,ACu  | SCu     | SCu     |
| 23                 | 5  | 2   | 6   | 8   | 5   | 3   | ⊙ACu,Fr-<br>Cu  | ⊙FrCu   | ⊙Cu       | ⊙Cu      | FrCu      | SCu     | ACu     |
| 24                 | 3  | 5   | 10  | 8   | 1   | 0   | ⊙Ci             | ⊙Ci,Cu  | Nb        | Cu       | ⊙Cu       | Cu,SCu  | —       |
| 25                 | 3  | 8   | 8   | 10  | 9   | 8   | ⊙Cu,Ci          | ⊙Cu     | Cu        | Nb       | SCu       | SCu     | SCu     |
| 26                 | 1  | 0   | 0   | 0   | 0   | 4   | ⊙CiS            | ⊙—      | ⊙—        | ⊙—       | ⊙—        | Ci,CiS  | Ci,CiS  |
| 27                 | 10   | 9   | 9   | 7   | 2   | 7   | ⊙CiS            | SCu     | ⊙Cu       | Cu       | ⊙Cu       | Cu,SCu  | ACu,SCu |
| 28                 | 7  | 9   | 5   | 1   | 0   | 1   | Cu              | SCu     | Cu        | ⊙FrCu    | ⊙—        | AS      | AS      |
| 29                 | 0  | 1   | 4   | 7   | 3   | 3   | ⊙—              | ⊙FrCu   | ⊙Cu       | Cu       | ⊙Ci,CiS   | Ci, CiS | Ci,CiS  |
| 30                 | 7  | 1   | 7   | 10  | 10  | 10  | ⊙ACu            | ⊙CiS    | ⊙CiS      | ⊙CiS     | ⊙CiS      | CiS,SCu | CiS,SCu |
| 31                 | 10   | 10  | 5   | 6   | 1   | 1   | SCu             | SCu     | CuNb      | Cu       | Cu,CiCu   | CiS     | CiS     |

## S t u n d e n m i t t e l K e l l a a e g s e d

| Stunde<br>kell   | Windkomponenten<br>O s a t u u e d |      |      |      |      |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------------|------|------|------|------|-------|---------------------------------|-----------------------------------|---|
|                  | N                                  | E    | S    | W    | N-S  | S-W   |                                 |                                   |   |
| 1                | 0.61                               | 0.45 | 0.28 | 1.30 | 0.33 | —0.85 | 291                             | 0.91                              | 2.28                                    |
| 4                | 0.57                               | 0.36 | 0.37 | 1.42 | 0.20 | —1.05 | 281                             | 1.07                              | 2.30                                    |
| 7                | 1.04                               | 0.83 | 0.44 | 1.48 | 0.60 | —0.65 | 313                             | 0.89                              | 3.22                                    |
| 10               | 1.34                               | 0.99 | 0.50 | 1.74 | 0.84 | —0.74 | 319                             | 1.12                              | 3.85                                    |
| 13               | 1.51                               | 1.08 | 0.45 | 1.94 | 1.07 | —0.85 | 321                             | 1.37                              | 4.23                                    |
| 16               | 1.48                               | 1.16 | 0.35 | 1.81 | 1.13 | —0.64 | 330                             | 1.30                              | 4.07                                    |
| 19               | 1.06                               | 1.05 | 0.24 | 1.48 | 0.82 | —0.42 | 333                             | 0.93                              | 3.20                                    |
| 22               | 0.77                               | 0.62 | 0.25 | 1.27 | 0.53 | —0.65 | 309                             | 0.84                              | 2.50                                    |
| Mittel<br>keskm. | 1.05                               | 0.82 | 0.36 | 1.55 | 0.69 | —0.73 | 313                             | 1.01                              | 3.21                                    |

## Mai 1918 Mai.

| Datum<br>Kuupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | Bemerkungen<br>Märkused   |
|------------------|---------------------------------|--------|-------------------------------------|--|---|
|                  | 7h—21h                          | 21h—7h |                                     |  |   |
| 1                | —                               | —      | 2.3                                 | 179  |   |
| 2                | —                               | —      | 3.2                                 | 174  |   |
| 3                | —                               | —      | 2.6                                 | 169  | □ <sup>n</sup> .  |
| 4                | —                               | —      | 1.0                                 | 177  | □ <sup>n</sup> .  |
| 5                | 0.1                             | 0.0    | 1.2                                 | 174  | ⊕ <sup>12<sup>h</sup>30<sup>m</sup>—13<sup>h</sup></sup> ; * <sup>018<sup>h</sup>20<sup>m</sup>—n</sup> ; ● <sup>0n</sup> . |
| 6                | —                               | —      | 1.6                                 | 167  | □ <sup>n</sup> .  |
| 7                | —                               | —      | 1.9                                 | 153  | □ <sup>n</sup> .  |
| 8                | —                               | —      | 1.6                                 | 154  | □ <sup>n</sup> .  |
| 9                | 0.0                             | —      | 0.5                                 | 150  | * <sup>015<sup>h</sup>30<sup>m</sup>—31<sup>m</sup></sup> .   |
| 10               | —                               | —      | 1.2                                 | 148  | □ <sup>n</sup> .  |
| 11               | —                               | —      | 1.3                                 | 147  | □ <sup>n</sup> .  |
| 12               | —                               | —      | 1.8                                 | 144  | □ <sup>n</sup> .  |
| 13               | —                               | —      | 2.0                                 | 139  |   |
| 14               | —                               | —      | 2.5                                 | 139  |   |
| 15               | —                               | —      | 4.2                                 | 138  |   |
| 16               | —                               | —      | 4.1                                 | 136  |   |
| 17               | —                               | —      | 2.3                                 | 132  |   |
| 18               | —                               | —      | 4.4                                 | 129  |   |
| 19               | —                               | —      | 4.0                                 | 128  | Δ <sup>n</sup> .  |
| 20               | —                               | —      | 2.8                                 | 124  | Ψ <sup>21<sup>h</sup></sup> , Δ <sup>n</sup> .  |
| 21               | —                               | —      | 2.8                                 | 125  |   |
| 22               | 0.0                             | 0.7    | 3.5                                 | 124  | ● <sup>0p</sup> ; ● <sup>n</sup> .  |
| 23               | 0.0                             | —      | 3.2                                 | 122  | ● <sup>016<sup>h</sup>30<sup>m</sup></sup> ; Δ <sup>n</sup> .   |
| 24               | 0.0                             | —      | 2.0                                 | 121  | ● <sup>012<sup>h</sup>56<sup>m</sup>—13<sup>h</sup>6<sup>m</sup></sup> ; Δ <sup>n</sup> .                                   |
| 25               | 0.8                             | —      | 2.9                                 | 120  | ● <sup>15<sup>h</sup>45<sup>m</sup>—16<sup>h</sup>8<sup>m</sup></sup> .   |
| 26               | —                               | —      | 1.6                                 | 118  |   |
| 27               | —                               | —      | 2.0                                 | 118  |   |
| 28               | —                               | —      | 1.7                                 | 118  |   |
| 29               | —                               | —      | 2.7                                 | 117  | Δ <sup>n</sup> .  |
| 30               | —                               | —      | 3.8                                 | 117  |   |
| 31               | 0.0                             | —      | 2.9                                 | 116  | ▲ <sup>013<sup>h</sup>5<sup>m</sup></sup> .   |

## keskmised

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 58.17                         | 4.27                                | 73                                     | —                          | 1                |
| 58.25                         | 2.61                                | 79                                     | —                          | 4                |
| 58.38                         | 6.77                                | 67                                     | 4.4                        | 7                |
| 58.31                         | 10.13                               | 48                                     | 5.5                        | 10               |
| 57.82                         | 12.38                               | 41                                     | 6.2                        | 13               |
| 57.32                         | 13.03                               | 42                                     | 5.4                        | 16               |
| 57.18                         | 10.81                               | 47                                     | 3.8                        | 19               |
| 57.51                         | 6.71                                | 62                                     | 3.8                        | 22               |
| 57.87                         | 8.34                                | 57                                     | 4.9                        | Mittel<br>keskm. |

## Juni 1918 Juuni.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |      |      |      |      |      |      |      |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|------|------|------|------|------|------|------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  |
| 1                | 49.6                              | 49.1 | 48.8 | 48.7 | 48.8 | 49.4 | 49.4 | 50.0 | 3.6                         | 2.6  | 7.3  | 9.3  | 8.0  | 8.2  | 7.8  | 6.0  |
| 2                | 50.5                              | 50.4 | 50.1 | 49.7 | 49.5 | 49.8 | 49.7 | 50.2 | 5.3                         | 2.8  | 5.7  | 9.9  | 9.4  | 8.1  | 8.3  | 5.3  |
| 3                | 50.2                              | 50.0 | 49.8 | 49.8 | 49.5 | 49.6 | 49.5 | 49.1 | 3.1                         | 1.7  | 7.3  | 9.8  | 11.2 | 10.4 | 10.0 | 8.0  |
| 4                | 47.6                              | 46.2 | 45.4 | 45.3 | 45.8 | 46.1 | 46.1 | 46.4 | 6.3                         | 4.3  | 2.3  | 2.8  | 3.2  | 3.6  | 3.9  | 4.9  |
| 5                | 47.1                              | 47.3 | 48.5 | 49.5 | 50.5 | 50.7 | 51.7 | 52.7 | 5.6                         | 5.5  | 6.7  | 9.5  | 12.8 | 15.7 | 13.1 | 10.0 |
| 6                | 52.9                              | 53.9 | 54.8 | 54.8 | 54.7 | 54.4 | 54.4 | 54.7 | 7.6                         | 4.7  | 8.4  | 11.8 | 14.0 | 15.0 | 13.6 | 11.2 |
| 7                | 54.7                              | 54.1 | 53.9 | 53.8 | 53.5 | 53.3 | 53.6 | 54.1 | 9.8                         | 9.3  | 12.7 | 16.4 | 17.0 | 17.8 | 15.8 | 12.6 |
| 8                | 54.4                              | 54.5 | 54.7 | 54.6 | 54.4 | 54.0 | 53.6 | 53.1 | 9.8                         | 7.2  | 9.0  | 12.5 | 13.0 | 12.3 | 11.2 | 10.0 |
| 9                | 52.6                              | 52.0 | 51.5 | 51.4 | 50.9 | 50.6 | 50.7 | 51.6 | 9.5                         | 9.3  | 11.1 | 16.0 | 19.4 | 18.0 | 15.7 | 12.0 |
| 10               | 51.7                              | 51.8 | 51.8 | 51.1 | 50.1 | 49.6 | 49.4 | 49.8 | 9.2                         | 7.8  | 9.2  | 16.4 | 18.0 | 18.4 | 15.2 | 12.0 |
| 11               | 49.5                              | 49.0 | 49.4 | 49.5 | 49.5 | 49.7 | 49.9 | 50.6 | 10.9                        | 9.1  | 9.1  | 11.8 | 14.2 | 13.4 | 12.6 | 11.0 |
| 12               | 50.8                              | 51.1 | 51.4 | 51.2 | 51.0 | 50.6 | 49.9 | 50.0 | 8.8                         | 6.2  | 10.8 | 15.5 | 16.2 | 19.0 | 17.0 | 12.8 |
| 13               | 49.7                              | 49.1 | 48.5 | 47.5 | 46.3 | 45.0 | 43.2 | 43.0 | 9.2                         | 8.5  | 11.3 | 14.6 | 15.0 | 13.6 | 11.5 | 9.3  |
| 14               | 42.9                              | 43.3 | 43.6 | 43.7 | 43.3 | 42.5 | 40.5 | 39.0 | 8.8                         | 6.8  | 11.0 | 15.3 | 16.4 | 14.7 | 13.0 | 10.0 |
| 15               | 38.8                              | 39.5 | 40.5 | 42.0 | 42.9 | 43.4 | 43.6 | 44.2 | 9.7                         | 8.2  | 11.1 | 12.6 | 15.2 | 14.3 | 13.0 | 10.4 |
| 16               | 44.5                              | 44.8 | 45.6 | 46.4 | 47.4 | 47.7 | 48.7 | 49.7 | 8.5                         | 7.7  | 9.1  | 12.7 | 15.7 | 16.4 | 14.6 | 10.1 |
| 17               | 50.6                              | 51.3 | 51.9 | 53.0 | 52.7 | 52.2 | 52.3 | 53.3 | 7.5                         | 7.4  | 11.3 | 14.4 | 17.2 | 19.1 | 17.0 | 11.4 |
| 18               | 54.2                              | 54.3 | 55.4 | 55.1 | 53.4 | 51.1 | 48.4 | 46.8 | 9.5                         | 8.0  | 13.7 | 18.0 | 18.3 | 16.5 | 15.8 | 14.0 |
| 19               | 47.0                              | 47.7 | 48.9 | 51.0 | 52.8 | 53.0 | 53.4 | 53.6 | 14.3                        | 12.5 | 10.2 | 11.0 | 13.6 | 12.4 | 14.0 | 10.0 |
| 20               | 53.8                              | 54.1 | 54.0 | 53.4 | 53.1 | 52.8 | 52.8 | 53.4 | 8.5                         | 7.5  | 10.6 | 13.4 | 16.2 | 18.6 | 18.0 | 12.6 |
| 21               | 53.9                              | 54.0 | 54.5 | 54.1 | 53.3 | 52.3 | 51.2 | 50.8 | 10.6                        | 9.2  | 14.0 | 18.4 | 18.7 | 20.0 | 17.7 | 14.0 |
| 22               | 49.4                              | 47.9 | 47.0 | 46.1 | 45.9 | 46.2 | 46.6 | 46.6 | 13.6                        | 13.2 | 12.8 | 13.6 | 16.5 | 18.4 | 17.2 | 14.0 |
| 23               | 46.5                              | 46.0 | 45.0 | 44.6 | 43.8 | 44.4 | 44.6 | 44.7 | 11.6                        | 10.8 | 13.7 | 17.1 | 20.1 | 16.0 | 14.0 | 13.6 |
| 24               | 45.0                              | 45.8 | 47.1 | 48.0 | 48.9 | 50.0 | 50.8 | 51.2 | 12.5                        | 11.2 | 13.6 | 16.1 | 18.2 | 18.4 | 16.6 | 11.8 |
| 25               | 51.0                              | 50.8 | 49.9 | 49.8 | 49.3 | 49.2 | 49.7 | 49.9 | 10.0                        | 9.7  | 11.7 | 15.2 | 15.5 | 16.7 | 14.2 | 11.2 |
| 26               | 49.9                              | 49.9 | 49.5 | 49.4 | 49.0 | 49.6 | 49.7 | 50.1 | 8.8                         | 8.6  | 13.1 | 15.5 | 16.9 | 16.0 | 14.5 | 12.4 |
| 27               | 50.8                              | 50.8 | 50.8 | 50.0 | 49.4 | 48.2 | 50.0 | 52.1 | 10.0                        | 9.6  | 14.1 | 15.9 | 13.0 | 14.9 | 11.4 | 11.1 |
| 28               | 53.2                              | 54.3 | 55.6 | 55.7 | 55.8 | 56.9 | 57.3 | 58.1 | 9.0                         | 7.8  | 12.6 | 16.0 | 16.5 | 14.6 | 13.2 | 12.0 |
| 29               | 58.1                              | 58.4 | 59.4 | 48.9 | 57.8 | 55.9 | 55.2 | 55.0 | 10.6                        | 11.1 | 12.2 | 13.0 | 15.0 | 17.6 | 19.0 | 14.7 |
| 30               | 54.3                              | 54.0 | 54.6 | 56.0 | 56.3 | 56.4 | 56.2 | 56.0 | 14.0                        | 13.7 | 15.2 | 16.7 | 18.8 | 20.2 | 19.0 | 17.5 |

## Ergänzende Beobachtungen um 21h.

|                | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Luftdruck      | 49.8 | 50.0 | 49.4 | 46.3 | 52.5 | 54.7 | 54.0 | 53.2 | 51.0 | 49.8 | 50.4 | 49.9 | 43.0 | 39.4 | 43.9 |
| õhurõhumine    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Temperatur     | 6.7  | 6.2  | 9.0  | 4.4  | 11.2 | 12.0 | 13.5 | 10.4 | 13.6 | 12.8 | 11.5 | 14.4 | 9.8  | 10.8 | 11.7 |
| temperatuur    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Relat. Feucht. | 75   | 92   | 69   | 96   | 73   | 53   | 51   | 79   | 79   | 72   | 70   | 57   | 96   | 93   | 71   |
| relat. niiskus |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Bewölkung      | 6    | 2    | 10   | 10   | 10   | 8    | 10   | 10   | 1    | 6    | 9    | 7    | 10   | 10   | 6    |
| pilwitus       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Tempe- (max.   | 12.8 | 12.4 | 13.0 | 9.0  | 15.8 | 15.7 | 18.8 | 14.3 | 21.0 | 19.7 | 14.6 | 19.0 | 15.7 | 18.7 | 15.9 |
| ratur { min.   | 2.5  | 2.4  | 1.5  | 2.1  | 4.0  | 4.3  | 8.2  | 6.7  | 9.3  | 7.5  | 8.8  | 6.0  | 8.1  | 6.5  | 8.0  |

## Juni 1918 Juuni.

| Datum<br>Kuupäev | Relative Feuchtigkeit<br>relatiivne niiskus |    |    |     |     |     |     |     | Absolute Feuch-<br>tigkeit<br>absoluutne niis-<br>kus |      |      | Kompletive<br>Feuchtigkeit<br>täisniiskuse<br>puudus |      |     | Feuchtes Thermo-<br>meter<br>mürg termomeeter |      |      |
|------------------|---|----|----|-----|-----|-----|-----|-----|---|------|------|--|------|-----|---|------|------|
|                  | 1h  | 4h | 7h | 10h | 13h | 16h | 19h | 22h | 7h  | 13h  | 21h  | 7h   | 13h  | 21h | 7h  | 13h  | 21h  |
| 1                | 82  | 91 | 68 | 64  | 72  | 76  | 73  | 76  | 5.2   | 5.8  | 5.5  | 2.4  | 2.2  | 1.8 | 4.8   | 5.8  | 4.8  |
| 2                | 76  | 86 | 79 | 50  | 55  | 69  | 76  | 95  | 5.4   | 4.8  | 6.5  | 1.4  | 4.0  | 0.6 | 4.2   | 5.5  | 5.6  |
| 3                | 100   | 96 | 85 | 61  | 56  | 62  | 63  | 79  | 6.5   | 5.6  | 5.9  | 1.1  | 4.3  | 2.7 | 6.2   | 7.2  | 6.4  |
| 4                | 89  | 93 | 95 | 95  | 94  | 92  | 94  | 96  | 5.1   | 5.4  | 6.0  | 0.3  | 0.4  | 0.3 | 2.0   | 2.8  | 4.1  |
| 5                | 92  | 95 | 93 | 79  | 72  | 58  | 55  | 80  | 6.8   | 7.9  | 7.2  | 0.5  | 3.1  | 2.7 | 6.2   | 10.1 | 8.8  |
| 6                | 86  | 87 | 77 | 50  | 44  | 45  | 46  | 54  | 6.4   | 5.2  | 5.5  | 1.8  | 6.7  | 5.0 | 6.6   | 8.2  | 7.5  |
| 7                | 59  | 61 | 63 | 54  | 47  | 40  | 44  | 55  | 6.9   | 6.8  | 5.9  | 4.0  | 7.6  | 5.6 | 9.2   | 11.0 | 8.6  |
| 8                | 67  | 71 | 70 | 54  | 50  | 64  | 71  | 82  | 6.0   | 5.6  | 7.4  | 2.6  | 5.5  | 2.0 | 6.5   | 8.1  | 8.6  |
| 9                | 88  | 91 | 88 | 60  | 49  | 66  | 62  | 84  | 8.7   | 8.2  | 9.2  | 1.1  | 8.5  | 2.4 | 10.1  | 13.2 | 11.6 |
| 10               | 90  | 90 | 90 | 50  | 43  | 46  | 64  | 81  | 7.8   | 6.6  | 8.0  | 0.8  | 8.7  | 3.0 | 8.4   | 11.3 | 10.2 |
| 11               | 94  | 98 | 96 | 70  | 59  | 59  | 65  | 73  | 8.3   | 7.1  | 7.1  | 0.3  | 5.0  | 3.0 | 8.8   | 10.0 | 8.8  |
| 12               | 86  | 95 | 82 | 54  | 50  | 42  | 48  | 59  | 7.9   | 6.8  | 7.0  | 1.8  | 6.8  | 5.2 | 9.2   | 10.7 | 10.0 |
| 13               | 71  | 85 | 70 | 53  | 53  | 83  | 93  | 98  | 7.0   | 6.7  | 8.7  | 3.0  | 6.0  | 0.3 | 8.6   | 10.0 | 9.5  |
| 14               | 100   | 96 | 84 | 53  | 49  | 57  | 71  | 98  | 8.2   | 6.9  | 9.0  | 1.6  | 7.0  | 0.7 | 9.6   | 10.8 | 10.2 |
| 15               | 92  | 85 | 70 | 55  | 44  | 47  | 58  | 85  | 6.9   | 5.7  | 7.2  | 2.9  | 7.2  | 3.0 | 8.4   | 9.2  | 9.0  |
| 16               | 97  | 98 | 91 | 64  | 49  | 46  | 47  | 62  | 7.9   | 6.6  | 5.7  | 0.8  | 6.7  | 4.6 | 8.4   | 10.2 | 7.6  |
| 17               | 82  | 84 | 81 | 63  | 45  | 42  | 45  | 60  | 8.1   | 6.6  | 5.8  | 1.9  | 8.0  | 5.1 | 9.6   | 10.9 | 8.2  |
| 18               | 71  | 81 | 61 | 46  | 42  | 52  | 66  | 89  | 7.1   | 6.6  | 10.6 | 4.6  | 9.0  | 1.5 | 9.8   | 11.4 | 13.0 |
| 19               | 86  | 86 | 89 | 82  | 68  | 64  | 66  | 80  | 8.3   | 7.9  | 7.5  | 1.0  | 3.7  | 2.4 | 9.3   | 10.5 | 9.0  |
| 20               | 93  | 96 | 86 | 67  | 56  | 51  | 42  | 66  | 8.2   | 7.6  | 6.7  | 1.3  | 6.0  | 5.5 | 9.4   | 11.4 | 9.8  |
| 21               | 66  | 77 | 68 | 42  | 37  | 40  | 48  | 66  | 8.0   | 5.9  | 8.2  | 3.8  | 10.1 | 4.4 | 10.8  | 11.0 | 11.4 |
| 22               | 70  | 75 | 94 | 95  | 87  | 76  | 69  | 82  | 10.4  | 12.2 | 9.6  | 0.6  | 1.8  | 3.3 | 12.3  | 15.2 | 12.6 |
| 23               | 96  | 96 | 90 | 66  | 57  | 85  | 85  | 95  | 10.4  | 10.0 | 11.0 | 1.2  | 7.4  | 0.8 | 12.7  | 14.9 | 13.2 |
| 24               | 96  | 96 | 68 | 56  | 43  | 44  | 45  | 61  | 7.8   | 6.7  | 6.8  | 3.8  | 8.8  | 5.2 | 10.4  | 11.4 | 9.8  |
| 25               | 74  | 82 | 79 | 61  | 61  | 63  | 67  | 76  | 8.1   | 8.0  | 7.9  | 2.2  | 5.1  | 2.5 | 9.8   | 11.4 | 9.8  |
| 26               | 95  | 91 | 81 | 54  | 45  | 50  | 60  | 74  | 9.1   | 6.4  | 8.0  | 2.1  | 7.9  | 3.4 | 11.3  | 10.6 | 10.4 |
| 27               | 92  | 96 | 75 | 63  | 87  | 71  | 93  | 93  | 8.9   | 9.7  | 9.2  | 3.0  | 1.4  | 0.7 | 11.6  | 11.8 | 10.6 |
| 28               | 96  | 86 | 68 | 59  | 58  | 85  | 89  | 97  | 7.4   | 8.1  | 10.1 | 3.4  | 5.9  | 0.6 | 9.6   | 11.9 | 11.9 |
| 29               | 96  | 95 | 96 | 95  | 82  | 79  | 80  | 97  | 10.1  | 10.4 | 12.3 | 0.5  | 2.3  | 0.5 | 11.8  | 13.2 | 14.8 |
| 30               | 97  | 98 | 97 | 84  | 74  | 68  | 80  | 82  | 12.4  | 12.0 | 12.4 | 0.4  | 4.2  | 3.3 | 14.2  | 15.9 | 16.0 |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 49.3 | 52.9 | 46.7 | 53.6 | 53.3 | 50.9 | 46.7 | 44.8 | 51.1 | 49.9 | 50.0 | 51.2 | 57.7 | 55.3 | 55.9 | 50.22            |
| 11.8 | 12.7 | 14.2 | 11.2 | 14.4 | 15.0 | 15.2 | 13.8 | 14.2 | 12.0 | 13.3 | 11.2 | 12.4 | 15.2 | 18.3 | 12.10            |
| 55   | 54   | 88   | 75   | 55   | 65   | 75   | 94   | 57   | 76   | 70   | 93   | 94   | 96   | 80   | 75               |
| 4    | 7    | 3    | 2    | 1    | 9    | 4    | 10   | 9    | 1    | 8    | 10   | 10   | 10   | 9    | 7.1              |
| 16.8 | 19.4 | 20.4 | 15.8 | 19.7 | 21.3 | 18.5 | 22.8 | 20.4 | 17.6 | 19.4 | 17.6 | 19.3 | 19.1 | 22.5 | 17.57            |
| 7.3  | 7.2  | 7.4  | 9.6  | 7.4  | 8.0  | 12.3 | 10.7 | 11.2 | 8.5  | 7.9  | 9.0  | 7.5  | 10.5 | 13.6 | 7.47             |

| Datum<br>Kupäew | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |
|-----------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                 | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |
|                 | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |
| 1               | 2.7                                 | 2.5 | 3.4 | 4.6 | 3.9 | 3.2 | 2.6 | 2.4 | 0.2               | —   | —   | 2.7 | 0.3 | —   | —   | 2.5 | 1.5 | —   | —   | 2.6 |
| 2               | 2.1                                 | 2.4 | 2.2 | 3.6 | 3.6 | 2.5 | 1.7 | 1.6 | 0.7               | —   | —   | 1.7 | 0.1 | —   | —   | 2.4 | 0.2 | —   | 0.1 | 2.1 |
| 3               | 1.7                                 | 1.6 | 2.4 | 2.8 | 4.2 | 5.1 | 5.2 | 4.1 | 1.2               | —   | —   | 1.0 | 1.2 | —   | —   | 0.8 | 1.8 | 0.5 | —   | 0.5 |
| 4               | 6.0                                 | 6.0 | 5.4 | 6.0 | 6.0 | 5.5 | 5.1 | 4.8 | 5.1               | 0.5 | —   | 1.5 | 5.1 | 0.6 | —   | 1.1 | 4.6 | 0.6 | 0.1 | 1.1 |
| 5               | 4.2                                 | 4.0 | 4.0 | 5.1 | 4.9 | 5.5 | 3.3 | 3.0 | 3.3               | 1.6 | —   | 0.2 | 3.3 | 1.1 | —   | 0.2 | 3.2 | 1.7 | —   | 0.2 |
| 6               | 3.4                                 | 3.0 | 3.9 | 3.9 | 3.6 | 2.7 | 1.5 | 0.9 | 3.0               | 0.5 | —   | 0.3 | 2.7 | 0.5 | —   | 0.4 | 2.6 | 1.8 | —   | 0.1 |
| 7               | 1.8                                 | 1.8 | 2.4 | 1.5 | 2.3 | 3.8 | 3.4 | 2.4 | —                 | —   | 0.9 | 1.4 | —   | —   | 1.0 | 1.2 | —   | —   | 0.9 | 1.9 |
| 8               | 1.2                                 | 1.2 | 1.9 | 1.5 | 1.3 | 2.5 | 0.6 | 0.7 | 0.2               | 1.2 | —   | —   | 0.1 | 1.2 | 0.1 | —   | 1.2 | 1.0 | 0.1 | 0.1 |
| 9               | 0.6                                 | 0.4 | 1.2 | 2.0 | 2.4 | 2.4 | 2.4 | 1.4 | —                 | —   | —   | 0.6 | —   | —   | —   | —   | —   | 0.2 | 1.1 | 1.1 |
| 10              | 1.8                                 | 1.5 | 2.7 | 4.7 | 4.6 | 3.6 | 2.0 | 0.6 | 1.6               | —   | —   | 0.7 | 1.0 | —   | —   | 0.8 | 0.3 | —   | —   | 2.6 |
| 11              | 2.4                                 | 2.7 | 3.3 | 3.9 | 4.5 | 3.9 | 2.3 | 1.4 | 0.5               | —   | 0.1 | 2.0 | 1.3 | —   | —   | 2.1 | 2.1 | —   | —   | 2.3 |
| 12              | 2.0                                 | 2.5 | 2.7 | 2.8 | 3.1 | 2.7 | 1.2 | 1.7 | 0.3               | —   | —   | 1.6 | 0.1 | —   | 0.1 | 2.5 | 0.4 | —   | 0.1 | 2.5 |
| 13              | 1.7                                 | 1.2 | 2.1 | 2.6 | 1.5 | 1.0 | 1.2 | 2.6 | 0.8               | —   | —   | 1.0 | 0.2 | —   | —   | 1.1 | 0.2 | —   | 0.2 | 1.9 |
| 14              | 2.9                                 | 2.7 | 2.7 | 3.6 | 4.6 | 5.2 | 2.7 | 4.6 | 1.2               | —   | —   | 2.2 | 0.6 | —   | —   | 2.5 | 0.7 | —   | —   | 2.3 |
| 15              | 5.2                                 | 5.3 | 6.8 | 7.2 | 7.9 | 7.3 | 5.4 | 2.5 | —                 | —   | 1.7 | 4.4 | —   | —   | 1.7 | 4.5 | 0.2 | —   | 1.5 | 6.0 |
| 16              | 2.6                                 | 3.4 | 5.2 | 5.7 | 6.2 | 6.1 | 5.1 | 3.0 | —                 | —   | 1.6 | 2.3 | —   | —   | 1.7 | 2.4 | —   | —   | 2.2 | 4.3 |
| 17              | 3.1                                 | 3.5 | 3.6 | 3.0 | 3.6 | 3.4 | 3.0 | 1.9 | —                 | —   | 1.2 | 2.5 | —   | —   | 1.4 | 2.8 | —   | —   | 1.8 | 2.9 |
| 18              | 1.0                                 | 1.1 | 1.8 | 3.0 | 5.0 | 5.4 | 4.4 | 2.9 | 0.1               | —   | —   | 1.2 | —   | —   | 1.2 | 0.2 | —   | 0.3 | 1.7 | —   |
| 19              | 3.4                                 | 4.9 | 6.1 | 5.7 | 5.7 | 5.4 | 3.3 | 1.9 | —                 | —   | 1.7 | 2.6 | —   | —   | 2.0 | 3.8 | 0.1 | —   | 1.9 | 5.2 |
| 20              | 1.2                                 | 1.5 | 1.3 | 1.2 | 2.1 | 2.2 | 2.1 | 0.6 | 0.1               | —   | —   | 1.2 | —   | —   | 0.2 | 1.5 | 0.2 | —   | 0.1 | 1.2 |
| 21              | 1.0                                 | 0.6 | 1.7 | 3.0 | 3.0 | 3.0 | 1.6 | 1.4 | 0.8               | 0.3 | —   | 0.1 | 0.5 | 0.2 | —   | —   | —   | 0.8 | 0.9 | —   |
| 22              | 1.5                                 | 1.5 | 1.8 | 1.7 | 1.8 | 4.2 | 2.1 | 1.2 | 0.3               | 1.4 | 0.1 | —   | 0.4 | 1.4 | —   | —   | 0.1 | 1.6 | 0.2 | —   |
| 23              | 1.8                                 | 1.6 | 2.0 | 3.6 | 3.9 | 2.4 | 1.4 | 0.6 | —                 | —   | 1.1 | 1.2 | —   | 0.7 | 1.2 | —   | —   | 1.5 | 0.8 | —   |
| 24              | 1.8                                 | 1.5 | 2.7 | 4.8 | 4.5 | 3.8 | 2.2 | 1.2 | —                 | —   | 0.5 | 1.6 | —   | —   | 1.1 | 0.7 | —   | 0.2 | 2.2 | 0.8 |
| 25              | 1.5                                 | 0.9 | 2.4 | 2.0 | 2.5 | 3.9 | 1.8 | 0.7 | —                 | —   | 0.3 | 1.2 | —   | —   | —   | 1.0 | 1.1 | —   | —   | 1.7 |
| 26              | 1.2                                 | 1.7 | 2.2 | 3.3 | 5.0 | 4.6 | 3.1 | 2.2 | —                 | 0.7 | 0.6 | —   | —   | 1.3 | 1.0 | —   | —   | 1.0 | 1.4 | —   |
| 27              | 2.1                                 | 2.1 | 2.9 | 2.8 | 2.9 | 4.1 | 4.2 | 2.8 | —                 | —   | 2.0 | 0.2 | —   | 0.3 | 1.9 | —   | —   | 0.9 | 2.2 | —   |
| 28              | 2.3                                 | 2.4 | 2.3 | 3.9 | 3.9 | 2.2 | 1.5 | 1.7 | —                 | —   | 1.6 | 1.2 | —   | —   | 1.7 | 1.3 | —   | —   | 1.8 | 0.9 |
| 29              | 2.0                                 | 2.3 | 2.4 | 1.7 | 3.3 | 3.2 | 2.6 | 1.5 | —                 | 1.1 | 1.3 | —   | —   | 1.1 | 1.7 | —   | —   | 0.8 | 1.8 | —   |
| 30              | 1.2                                 | 0.6 | 2.1 | 1.8 | 1.8 | 1.4 | 2.0 | 2.9 | 0.8               | 0.4 | 0.1 | 0.2 | 0.3 | —   | —   | 0.3 | —   | —   | 0.7 | 1.8 |

T a g e s m i t t e l

|                                     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine            | 49.22 | 49.99 | 49.69 | 46.11 | 49.75 | 54.32 | 53.88 | 54.16 | 51.41 | 50.66 | 49.64 | 50.75 | 46.54 | 42.35 | 41.86 |
| Temperatuur<br>temperatuur          | 6.60  | 6.85  | 7.69  | 3.91  | 9.86  | 10.79 | 13.92 | 10.62 | 13.88 | 13.28 | 11.51 | 13.29 | 11.62 | 12.00 | 11.81 |
| Relat. Feucht.<br>relat. niiskus    | 75    | 73    | 75    | 94    | 78    | 61    | 53    | 66    | 74    | 69    | 77    | 64    | 76    | 76    | 67    |
| Absol. Feucht.<br>absol. niiskus    | 5.50  | 5.57  | 6.00  | 5.50  | 7.30  | 5.70  | 6.53  | 6.33  | 8.70  | 7.47  | 7.50  | 7.23  | 7.47  | 8.03  | 6.60  |
| Kompl. Feucht.<br>täisniisk. puudus | 2.13  | 2.00  | 2.70  | 0.33  | 2.10  | 4.50  | 5.73  | 3.37  | 4.00  | 4.17  | 2.77  | 4.60  | 3.10  | 3.10  | 4.37  |

## Juni 1918 Juuni.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |      | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W    | N               | E    | S    | W    |
| 1.9                                  | 0.1 | —   | 3.6 | 1.8 | 0.2 | 0.3 | 2.5 | 1.9 | 0.3 | 0.1 | 1.7 | 0.5 | —   | —   | 2.4 | 0.7 | —   | —   | 2.0  | 1.10            | 0.08 | 0.05 | 2.50 |
| 1.0                                  | —   | 0.1 | 2.6 | 2.1 | 0.1 | 0.1 | 2.0 | 1.8 | 0.8 | —   | 0.5 | 1.4 | 0.3 | —   | 0.3 | 1.2 | —   | —   | 0.7  | 1.06            | 0.15 | 0.04 | 1.54 |
| 2.1                                  | 1.4 | —   | 0.1 | 3.0 | 1.9 | —   | 0.2 | 4.0 | 2.0 | —   | 0.2 | 3.9 | 1.9 | —   | 0.2 | 3.4 | 0.8 | —   | 0.6  | 2.58            | 1.06 | —    | 0.45 |
| 5.0                                  | 0.9 | —   | 0.7 | 5.2 | 1.0 | —   | 0.7 | 4.9 | 0.8 | —   | 0.8 | 4.5 | 0.7 | —   | 0.7 | 3.7 | 1.7 | —   | 0.2  | 4.76            | 0.85 | 0.01 | 0.85 |
| 3.8                                  | 2.0 | —   | 0.2 | 3.6 | 2.3 | —   | 0.2 | 3.8 | 2.4 | —   | 0.2 | 2.5 | 1.5 | —   | 0.1 | 2.6 | 0.4 | —   | 0.4  | 3.26            | 1.62 | —    | 0.21 |
| 2.8                                  | 1.7 | —   | 0.3 | 3.0 | 0.6 | —   | 0.7 | 1.6 | 1.4 | —   | —   | 0.3 | 1.4 | 0.1 | —   | —   | 0.4 | 0.4 | 0.4  | 2.00            | 1.04 | 0.06 | 0.28 |
| 0.4                                  | 0.1 | 0.3 | 1.1 | 1.8 | 0.5 | —   | 0.5 | 2.8 | 1.5 | —   | 0.2 | 2.2 | 2.1 | —   | —   | 1.7 | 1.3 | —   | —    | 1.11            | 0.69 | 0.39 | 0.79 |
| —                                    | 0.7 | 1.1 | —   | 0.9 | 0.2 | 0.2 | 0.7 | 0.5 | —   | 0.1 | 2.4 | —   | —   | —   | 0.6 | 0.4 | —   | —   | 0.5  | 0.26            | 0.56 | 0.31 | 0.54 |
| 0.6                                  | —   | 0.1 | 1.6 | 1.0 | —   | 0.1 | 1.7 | 0.7 | 0.5 | 0.3 | 1.4 | 0.8 | 0.2 | —   | 1.7 | 1.2 | 0.1 | —   | 0.3  | 0.54            | 0.10 | 0.09 | 1.05 |
| 0.5                                  | —   | 0.6 | 4.2 | 2.7 | —   | —   | 2.9 | 2.6 | 0.2 | —   | 1.6 | 1.4 | 1.0 | —   | 0.1 | 0.2 | 0.4 | —   | 0.4  | 1.29            | 0.20 | 0.08 | 1.66 |
| 2.0                                  | —   | —   | 2.8 | 2.6 | —   | 0.1 | 2.7 | 2.6 | 0.1 | —   | 2.2 | 1.4 | —   | —   | 1.4 | 0.1 | —   | —   | 1.2  | 1.58            | 0.01 | 0.02 | 2.09 |
| 0.3                                  | —   | 0.5 | 2.6 | 0.4 | —   | 0.3 | 2.8 | 0.4 | —   | 0.1 | 2.6 | 0.5 | —   | —   | 0.9 | 1.3 | —   | —   | 0.8  | 0.46            | —    | 0.14 | 2.04 |
| 0.2                                  | —   | 0.4 | 2.3 | 0.1 | —   | 0.2 | 1.4 | 0.4 | —   | 0.4 | 0.5 | 0.6 | —   | 0.1 | 0.5 | 1.3 | —   | —   | 1.8  | 0.48            | —    | 0.16 | 1.31 |
| 0.7                                  | —   | 0.3 | 3.0 | 0.1 | —   | 1.4 | 3.9 | —   | —   | 1.9 | 4.5 | —   | —   | 1.9 | 1.6 | —   | —   | 2.4 | 3.1  | 0.41            | —    | 0.99 | 2.89 |
| 0.2                                  | —   | 2.0 | 6.2 | 0.2 | —   | 2.4 | 6.7 | 0.1 | —   | 2.6 | 6.3 | —   | —   | 2.4 | 4.4 | —   | —   | 1.3 | 2.0  | 0.09            | —    | 1.95 | 5.06 |
| —                                    | —   | 2.3 | 4.6 | 0.2 | —   | 1.3 | 5.4 | 0.3 | —   | 0.9 | 5.7 | 0.2 | —   | 0.7 | 4.9 | —   | —   | 1.0 | 2.8  | 0.09            | —    | 1.46 | 4.05 |
| —                                    | —   | 1.7 | 1.9 | —   | —   | 1.9 | 2.4 | —   | —   | 1.6 | 2.5 | 0.3 | —   | 0.2 | 3.0 | 0.1 | —   | 0.1 | 2.0  | 0.05            | —    | 1.24 | 2.50 |
| —                                    | 1.6 | 1.7 | 0.1 | 0.1 | 4.1 | 1.7 | —   | 0.2 | 4.7 | 1.4 | —   | 0.2 | 4.2 | 0.9 | —   | 1.8 | 1.2 | 0.4 | 0.08 | 2.09            | 1.22 | 0.24 | —    |
| 0.2                                  | —   | 1.2 | 5.2 | 0.2 | —   | 1.4 | 5.0 | 0.2 | —   | 1.1 | 4.8 | 0.1 | —   | 0.8 | 3.2 | 1.7 | —   | 0.3 | 1.7  | 0.31            | —    | 1.30 | 3.94 |
| —                                    | —   | 0.6 | 0.7 | 0.8 | —   | 0.1 | 1.7 | 1.6 | 0.1 | 0.1 | 0.9 | 1.7 | 0.3 | —   | 0.6 | 0.4 | 0.4 | —   | —    | 0.60            | 0.10 | 0.14 | 0.98 |
| —                                    | 1.8 | 1.8 | —   | —   | 2.2 | 1.6 | —   | —   | 1.7 | 1.8 | —   | —   | 1.3 | 0.7 | —   | 0.2 | 1.4 | 0.1 | —    | 0.19            | 1.21 | 0.86 | 0.01 |
| —                                    | 1.4 | 0.6 | —   | —   | 0.1 | 1.2 | 0.6 | 0.2 | —   | 0.8 | 3.9 | —   | —   | 0.6 | 1.9 | —   | 0.2 | 1.0 | 0.1  | 0.12            | 0.76 | 0.56 | 0.81 |
| —                                    | 3.0 | 1.6 | —   | —   | 3.0 | 1.7 | —   | 0.5 | 1.1 | 0.6 | 0.7 | 1.0 | —   | —   | 0.8 | —   | —   | —   | 0.6  | 0.19            | 1.30 | 0.89 | 0.26 |
| —                                    | 0.6 | 4.4 | 0.7 | —   | 0.4 | 3.7 | 1.2 | —   | 0.1 | 2.9 | 1.8 | —   | —   | 1.4 | 1.2 | —   | —   | 1.3 | —    | —               | 0.16 | 2.19 | 1.00 |
| 0.9                                  | —   | —   | 1.5 | 0.2 | —   | 0.2 | 2.3 | 0.1 | —   | 1.3 | 3.2 | —   | —   | 0.3 | 1.7 | —   | —   | 0.5 | 0.4  | 0.29            | —    | 0.32 | 1.62 |
| —                                    | 0.6 | 2.7 | 0.4 | —   | 0.8 | 4.2 | 0.8 | —   | 0.2 | 3.5 | 2.0 | —   | 0.2 | 2.8 | 0.7 | —   | 0.1 | 1.9 | 0.7  | —               | 0.61 | 2.26 | 0.58 |
| —                                    | 1.4 | 1.9 | —   | —   | 2.0 | 1.3 | —   | —   | 1.0 | 2.6 | 1.4 | 0.1 | —   | 1.2 | 3.8 | —   | —   | 1.2 | 2.2  | 0.01            | 0.70 | 1.79 | 0.95 |
| —                                    | 0.3 | 3.7 | 0.7 | —   | 0.2 | 2.9 | 1.5 | 0.2 | —   | 0.7 | 1.7 | 0.2 | 0.1 | 0.1 | 1.2 | —   | 0.7 | 1.2 | —    | 0.05            | 0.16 | 1.71 | 1.06 |
| 0.6                                  | 1.4 | 0.2 | —   | 2.0 | 2.1 | —   | —   | 1.4 | 2.4 | 0.1 | —   | —   | 2.0 | 0.9 | —   | 0.4 | 1.2 | 0.2 | —    | 0.55            | 1.51 | 0.78 | —    |
| 0.2                                  | —   | 0.3 | 1.5 | 0.5 | —   | 0.2 | 1.4 | 1.0 | 0.4 | —   | 0.2 | 0.8 | 1.6 | —   | —   | 1.5 | 2.0 | —   | —    | 0.64            | 0.55 | 0.16 | 0.68 |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | Mittel keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 46.85 | 52.16 | 52.34 | 50.92 | 53.42 | 53.01 | 46.96 | 44.95 | 48.35 | 49.95 | 49.64 | 50.26 | 55.86 | 56.09 | 55.48 | 50.22         |
| 11.85 | 13.16 | 14.22 | 12.62 | 13.18 | 15.32 | 14.91 | 14.61 | 14.80 | 13.02 | 13.22 | 12.50 | 12.71 | 14.15 | 16.89 | 12.16         |
| 69    | 63    | 64    | 78    | 70    | 56    | 81    | 84    | 64    | 70    | 69    | 84    | 80    | 90    | 85    | 73            |
| 6.73  | 6.83  | 8.10  | 7.90  | 7.50  | 7.37  | 10.73 | 10.47 | 7.10  | 8.00  | 7.83  | 9.27  | 8.53  | 10.93 | 12.27 | 7.70          |
| 4.03  | 5.00  | 5.03  | 2.37  | 4.27  | 6.10  | 1.90  | 3.13  | 5.93  | 3.27  | 4.47  | 1.70  | 3.30  | 1.10  | 2.63  | 3.44          |

## Juni 1918 Juuni.

| Datum<br>Kupäew | Bewölkung Pilwitus                                     |     |     |     |     |     |                 |            |            |            |             |             |           |
|-----------------|--|-----|-----|-----|-----|-----|-----------------|------------|------------|------------|-------------|-------------|-----------|
|                 | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |            |            |            |             |             |           |
|                 | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h        | 13h        | 16h        | 19h         | 21h         | 22h       |
| 1               | 8  | 9   | 9   | 10  | 9   | 9   | Nb              | Nb         | Nb         | Nb         | SCu         | SCu         | SCu       |
| 2               | 9  | 9   | 9   | 9   | 7   | 1   | SCu, ACu        | ⊙ ACu, Cu  | ⊙ CuNb     | SCu, Cu    | ⊙ Cu        | SCu         | SCu       |
| 3               | 6  | 8   | 9   | 9   | 9   | 10  | ⊙ Cu            | Cu         | Cu         | Cu, Ci     | SCu         | Nb          | St        |
| 4               | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | St         | St         | St         | Nb          | Nb          | St        |
| 5               | 10   | 9   | 1   | 9   | 8   | 9   | St              | ⊙ Cu, Ci   | ⊙ Ci, FrCu | ⊙ Ci, Cu   | ⊙ Ci, Cu    | CiS, SCu    | CiS, FrCu |
| 6               | 1  | 8   | 7   | 3   | 7   | 8   | ⊙ Ci, SCu       | ACu        | ACu, Cu    | ⊙ Cu       | AS, SCu     | SCu         | SCu, AS   |
| 7               | 8  | 1   | 10  | 9   | 10  | 10  | ⊙ Ci, Cu        | ⊙ Cu       | SCu        | SCu, CiS   | ⊙ CiS, St   | St          | AS, St    |
| 8               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb         | St         | St         | AS          | SCu         | AS        |
| 9               | 10   | 10  | 5   | 3   | 7   | 9   | Nb              | Cu         | ⊙ Cu       | ⊙ CuNb     | CuNb        | St          | SCu       |
| 10              | 9  | 7   | 8   | 9   | 9   | 9   | SCu             | ⊙ Cu, CiCu | ⊙ Cu       | Cu, Ci     | CuNb        | SCu         | CuNb      |
| 11              | 10   | 9   | 9   | 2   | 9   | 9   | Nb              | Cu         | ⊙ Cu       | ⊙ Cu,      | SCu         | ⊙ SCu       | SCu       |
| 12              | 1  | 3   | 7   | 9   | 9   | 4   | ⊙ ACu           | ⊙ Cu       | ⊙ Cu       | Cu         | SCu         | SCu         | St, Ci    |
| 13              | 9  | 10  | 10  | 10  | 10  | 10  | ⊙ CiS, SCu      | AS, Cu     | St         | Nb         | Nb          | Nb          | Nb        |
| 14              | 0  | 2   | 5   | 8   | 10  | 10  | ⊙ --            | ⊙ Cu       | ⊙ Cu       | Cu         | St          | Nb          | St        |
| 15              | 6  | 3   | 7   | 9   | 9   | 7   | ⊙ Cu            | ⊙ Cu       | ⊙ Cu       | Cu         | ⊙ CiS, Cu   | ⊙ Ci, Cu    | Ci, St    |
| 16              | 10   | 10  | 5   | 2   | 2   | 6   | St              | Cu         | ⊙ Cu       | ⊙ Cu       | ⊙ CiS       | CiS, Ci     | CiS       |
| 17              | 9  | 9   | 8   | 9   | 1   | 6   | ⊙ AS            | ⊙ ACu, St  | ⊙ CiCu, Cu | ⊙ CiCu, Cu | ⊙ Cu        | CiS, ACu    | Ci, ACu   |
| 18              | 10   | 10  | 10  | 10  | 10  | 3   | ⊙ Ci            | ⊙ Ci, CiS  | ⊙ AS       | St         | CuNb        | Cu, SCu     | Cu, St    |
| 19              | 10   | 10  | 10  | 8   | 3   | 1   | St              | SCu        | SCu        | ⊙ Cu       | ⊙ Ci        | ⊙ ACuCi     | AS        |
| 20              | 10   | 10  | 6   | 7   | 1   | 0   | ⊙ AS            | ⊙ AS       | ⊙ Cu       | ⊙ Cu       | ⊙ Cu        | ⊙ SCu       | —         |
| 21              | 9  | 9   | 9   | 10  | 9   | 9   | ⊙ Ci, CiS       | ⊙ CiCu, Ci | ⊙ CiS, ACu | AS, ACu    | ACu, SCu    | SCu         | SCu       |
| 22              | 10   | 10  | 8   | 3   | 2   | 8   | St              | St         | SCu        | ⊙ Cu, CiS  | ⊙ Cu, Ci    | ⊙ Ci        | Ci        |
| 23              | 9  | 10  | 4   | 8   | 10  | 10  | ⊙ Ci, SCu       | ⊙ AS       | ⊙ Cu       | ⊙ CuNb     | St          | Nb          | Nb        |
| 24              | 1  | 5   | 7   | 6   | 5   | 7   | ⊙ Cu            | ⊙ Cu       | ⊙ Cu       | Cu         | Cu, Ci      | ⊙ CiS, CiCu | CiS       |
| 25              | 10   | 10  | 10  | 2   | 7   | 2   | ⊙ ACu           | ⊙ ACu, Cu  | SCu        | ⊙ CiCu, Cu | ⊙ CiCu, SCu | AS, SCu     | AS, SCu   |
| 26              | 9  | 5   | 6   | 10  | 1   | 1   | ACu             | Cu         | Cu         | St, SCu    | ⊙ SCu       | ACu         | FrCu      |
| 27              | 9  | 10  | 10  | 9   | 10  | 10  | ⊙ CiS           | St         | Nb         | St         | Nb          | SCu         | St        |
| 28              | 4  | 9   | 6   | 7   | 7   | 10  | ⊙ ACu           | SCu        | ⊙ CuNb     | Nb         | ACu, CuNb   | SCu         | St        |
| 29              | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb         | SCu        | St         | SCu         | Nb          | Nb        |
| 30              | 10   | 10  | 9   | 5   | 5   | 8   | St              | SCu        | SCu        | ⊙ Cu       | ⊙ Ci, SCu   | CiCu, SCu   | CuNb, Ci  |

## Stundenmittel

## Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|-------|---------------------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N--S  | E--W  |                                 |                                   |   |
|                  |                              |      |      |      |       |       |                                 |                                   |   |
| 1                | 0.67                         | 0.29 | 0.50 | 1.19 | 0.18  | —0.89 | 281                             | 0.91                              | 2.25                                    |
| 4                | 0.57                         | 0.28 | 0.60 | 1.20 | —0.03 | —0.92 | 268                             | 0.92                              | 2.28                                    |
| 7                | 0.64                         | 0.43 | 0.79 | 1.54 | —0.15 | —1.11 | 262                             | 1.12                              | 2.92                                    |
| 10               | 0.78                         | 0.63 | 1.00 | 1.62 | —0.22 | —0.99 | 257                             | 1.01                              | 3.43                                    |
| 13               | 1.08                         | 0.72 | 0.95 | 1.73 | 0.13  | —1.01 | 278                             | 1.02                              | 3.79                                    |
| 16               | 1.13                         | 0.72 | 0.83 | 1.80 | 0.30  | —1.07 | 285                             | 1.11                              | 3.74                                    |
| 19               | 0.82                         | 0.63 | 0.50 | 1.26 | 0.32  | —0.64 | 296                             | 0.71                              | 2.70                                    |
| 22               | 0.74                         | 0.43 | 0.47 | 0.84 | 0.27  | —0.41 | 303                             | 0.49                              | 2.04                                    |
| Mittel<br>keskm. | 0.80                         | 0.52 | 0.70 | 1.40 | 0.10  | —0.88 | 276                             | 0.89                              | 2.89                                    |



Juni 1918 Juuni.

| Datum<br>Kuupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d   |
|------------------|---------------------------------|--------|-------------------------------------|--|--|
|                  | 7h—21h                          | 21h—7h |                                     |  |  |
| 1                | 1.2                             | —      | 1.5                                 | 119  | ● 9 <sup>b</sup> 45 <sup>m</sup> —57 <sup>m</sup> , 12 <sup>b</sup> 40 <sup>m</sup> —p; ▲ 9 <sup>b</sup> 57 <sup>m</sup> —10 <sup>b</sup> 2 <sup>m</sup> , p; [ < 21 <sup>b</sup> 50 <sup>m</sup> S. |
| 2                | 0.1                             | —      | 1.3                                 | 118  | ● <sup>0</sup> a; ▴n.  |
| 3                | —                               | 5.0    | 1.3                                 | 114  | ●n.  |
| 4                | 1.5                             | —      | 0.4                                 | 121  | ●p.  |
| 5                | —                               | —      | 1.8                                 | 111  |  |
| 6                | —                               | 0.2    | 2.8                                 | 111  | ●n.  |
| 7                | —                               | —      | 2.8                                 | 106  |  |
| 8                | 0.0                             | —      | 0.8                                 | 106  | ● 09 <sup>b</sup> 57 <sup>m</sup> —10 <sup>b</sup> 5 <sup>m</sup> , 13 <sup>b</sup> 45 <sup>m</sup> .  |
| 9                | 1.3                             | 0.0    | 1.4                                 | 106  | T 14 <sup>b</sup> 56 <sup>m</sup> —18 <sup>b</sup> 8 <sup>m</sup> ; ●p; ● <sup>0</sup> n.  |
| 10               | 0.1                             | 2.2    | 2.1                                 | 106  | ● 19 <sup>b</sup> 3 <sup>m</sup> —14 <sup>m</sup> , 21 <sup>b</sup> 30 <sup>m</sup> —50 <sup>m</sup> , n.  |
| 11               | 0.7                             | —      | 1.6                                 | 105  | ●—7 <sup>b</sup> 30 <sup>m</sup> , 13 <sup>b</sup> 18 <sup>m</sup> —19 <sup>m</sup> .  |
| 12               | —                               | —      | 2.3                                 | 103  |  |
| 13               | 5.1                             | 4.9    | 0.6                                 | 102  | ●p, n.   |
| 14               | 0.8                             | 0.7    | 2.3                                 | 99   | ● 18 <sup>b</sup> 40 <sup>m</sup> —n.  |
| 15               | —                               | 0.0    | 3.3                                 | 95   | ● <sup>0</sup> n.  |
| 16               | —                               | —      | 3.5                                 | 91   |  |
| 17               | —                               | —      | 2.1                                 | 95   |  |
| 18               | 2.5                             | —      | 1.9                                 | 97   | ● 15 <sup>b</sup> 11 <sup>m</sup> —16 <sup>b</sup> 30 <sup>m</sup> , 19 <sup>b</sup> 7 <sup>m</sup> —11 <sup>m</sup> ; ● <sup>0</sup> 19 <sup>b</sup> 11 <sup>m</sup> —                              |
| 19               | —                               | —      | 1.8                                 | 91   | [15 <sup>m</sup> ; T 18 <sup>b</sup> 30 <sup>m</sup> ; < 18 <sup>b</sup> 55 <sup>m</sup> ; ▴ 19 <sup>b</sup> 7 <sup>m</sup> —11 <sup>m</sup> .   |
| 20               | —                               | —      | 2.0                                 | 89   |  |
| 21               | —                               | 0.6    | 2.1                                 | 86   | ●n.  |
| 22               | 2.0                             | —      | 1.0                                 | 92   | ●a; ▴ 21 <sup>b</sup> —22 <sup>b</sup> ; ▴n.   |
| 23               | 1.5                             | 1.1    | 1.2                                 | 96   | ●p, n.   |
| 24               | —                               | —      | 4.0                                 | 95   |  |
| 25               | —                               | 0.5    | 1.6                                 | 91   | ●n.  |
| 26               | 0.1                             | —      | 2.2                                 | 90   | ●p; ▴n.  |
| 27               | 3.4                             | —      | 0.4                                 | 90   | ● 10 <sup>b</sup> 15 <sup>m</sup> —13 <sup>b</sup> 5 <sup>m</sup> , 17 <sup>b</sup> 14 <sup>m</sup> —19 <sup>b</sup> ; T 17 <sup>b</sup> 8 <sup>m</sup> , 35 <sup>m</sup> .                          |
| 28               | 6.0                             | 1.6    | 1.6                                 | 89   | ● 12 <sup>b</sup> 55 <sup>m</sup> —57 <sup>m</sup> , p, n; < 22 <sup>b</sup> 7 <sup>m</sup> (S).   |
| 29               | 4.1                             | 5.7    | 0.6                                 | 87   | ●a, 19 <sup>b</sup> 45 <sup>m</sup> —n.  |
| 30               | —                               | 10.5   | 0.7                                 | 90   | ●n; T 4 <sup>b</sup> —5 <sup>b</sup> (S—E); ▴ 4 <sup>b</sup> 40 <sup>m</sup> (9 <sup>s</sup> ).  |

k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 50.17                         | 9.21                                | 86                                     | —                          | 1                |
| 50.18                         | 8.17                                | 89                                     | —                          | 4                |
| 50.40                         | 10.70                               | 81                                     | 7.9                        | 7                |
| 50.14                         | 13.61                               | 63                                     | 8.2                        | 10               |
| 50.32                         | 15.11                               | 58                                     | 7.8                        | 13               |
| 50.15                         | 15.38                               | 61                                     | 7.5                        | 16               |
| 50.07                         | 13.93                               | 66                                     | 7.2                        | 19               |
| 50.33                         | 11.20                               | 79                                     | 7.2                        | 22               |
| 50.22                         | 12.16                               | 73                                     | 7.6                        | Mittel<br>keskm. |

## Juli 1918 Juuli.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatuur (C°) temperatuur |      |      |      |      |      |      |      |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                           | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  |
| 1                | 56.0                              | 56.3 | 56.4 | 56.8 | 56.8 | 56.6 | 56.4 | 56.5 | 16.0                         | 16.0 | 18.4 | 22.7 | 27.2 | 26.9 | 25.5 | 20.5 |
| 2                | 57.4                              | 58.1 | 58.7 | 59.2 | 59.0 | 59.0 | 59.2 | 59.8 | 18.6                         | 17.7 | 21.6 | 25.6 | 27.3 | 29.0 | 26.0 | 21.2 |
| 3                | 60.3                              | 60.5 | 60.9 | 61.0 | 60.8 | 60.5 | 59.7 | 59.9 | 18.4                         | 17.0 | 21.5 | 25.1 | 28.2 | 25.0 | 24.7 | 21.6 |
| 4                | 59.8                              | 59.5 | 59.1 | 58.4 | 57.6 | 56.5 | 55.5 | 55.8 | 20.0                         | 19.0 | 22.0 | 25.8 | 28.8 | 28.6 | 26.5 | 21.4 |
| 5                | 55.5                              | 54.7 | 54.0 | 53.5 | 52.4 | 51.0 | 50.0 | 50.0 | 18.2                         | 17.1 | 22.4 | 27.5 | 28.4 | 26.6 | 24.7 | 21.0 |
| 6                | 49.5                              | 48.8 | 48.3 | 47.8 | 46.3 | 47.6 | 47.4 | 46.8 | 17.4                         | 16.4 | 21.6 | 25.7 | 24.7 | 16.7 | 16.7 | 16.4 |
| 7                | 46.7                              | 46.6 | 46.5 | 46.7 | 46.9 | 47.5 | 48.0 | 48.8 | 16.0                         | 13.6 | 13.1 | 13.3 | 13.7 | 13.4 | 12.7 | 12.0 |
| 8                | 48.9                              | 49.0 | 49.6 | 50.0 | 50.3 | 50.6 | 50.9 | 51.2 | 11.7                         | 11.8 | 12.8 | 15.0 | 16.3 | 19.1 | 17.8 | 15.1 |
| 9                | 51.6                              | 51.8 | 51.9 | 52.0 | 52.0 | 51.9 | 52.0 | 52.5 | 13.3                         | 11.1 | 16.0 | 17.9 | 20.4 | 22.8 | 19.6 | 16.4 |
| 10               | 52.9                              | 52.9 | 53.5 | 53.7 | 53.6 | 53.1 | 52.8 | 52.7 | 13.9                         | 12.6 | 16.8 | 19.0 | 20.2 | 20.1 | 18.3 | 14.5 |
| 11               | 52.6                              | 52.8 | 52.7 | 52.8 | 52.9 | 52.6 | 52.2 | 52.4 | 11.8                         | 9.8  | 13.1 | 17.0 | 20.4 | 22.4 | 20.5 | 16.2 |
| 12               | 52.2                              | 51.7 | 51.1 | 50.8 | 50.4 | 50.4 | 50.3 | 50.5 | 12.9                         | 10.8 | 15.8 | 19.9 | 20.9 | 20.0 | 17.9 | 14.4 |
| 13               | 50.8                              | 51.0 | 51.2 | 51.4 | 51.6 | 51.8 | 52.0 | 52.3 | 12.0                         | 11.0 | 14.8 | 18.6 | 21.4 | 23.0 | 21.0 | 16.2 |
| 14               | 52.9                              | 52.8 | 53.4 | 53.7 | 53.8 | 53.9 | 53.7 | 53.9 | 14.0                         | 13.8 | 16.1 | 18.5 | 21.2 | 20.5 | 18.3 | 15.3 |
| 15               | 54.1                              | 54.1 | 54.1 | 53.8 | 53.1 | 52.8 | 52.5 | 52.0 | 13.0                         | 10.9 | 14.4 | 17.9 | 19.1 | 19.9 | 17.4 | 13.7 |
| 16               | 51.8                              | 51.5 | 51.1 | 50.4 | 49.8 | 50.1 | 50.5 | 51.1 | 11.3                         | 10.2 | 13.0 | 15.7 | 18.5 | 17.0 | 15.0 | 13.5 |
| 17               | 51.5                              | 52.0 | 52.5 | 53.3 | 54.2 | 54.8 | 55.3 | 56.2 | 12.3                         | 11.3 | 13.7 | 15.4 | 16.0 | 16.2 | 15.1 | 13.8 |
| 18               | 56.6                              | 56.8 | 57.2 | 57.4 | 57.2 | 56.5 | 56.2 | 56.0 | 12.5                         | 11.6 | 13.4 | 14.0 | 15.8 | 17.8 | 16.0 | 11.3 |
| 19               | 56.0                              | 55.6 | 55.2 | 54.5 | 53.9 | 53.1 | 52.4 | 52.3 | 8.6                          | 7.2  | 12.4 | 16.0 | 17.3 | 18.0 | 19.5 | 15.3 |
| 20               | 52.3                              | 52.2 | 52.1 | 52.0 | 51.8 | 51.7 | 52.0 | 52.3 | 12.2                         | 10.6 | 15.2 | 18.4 | 21.0 | 22.5 | 19.2 | 14.8 |
| 21               | 52.4                              | 52.4 | 52.8 | 52.9 | 52.8 | 52.0 | 51.9 | 51.9 | 12.3                         | 11.0 | 15.2 | 18.7 | 19.2 | 21.8 | 20.6 | 16.5 |
| 22               | 51.9                              | 51.5 | 51.2 | 50.9 | 50.2 | 49.7 | 49.5 | 49.6 | 13.5                         | 11.6 | 16.9 | 21.2 | 21.8 | 21.6 | 20.2 | 16.8 |
| 23               | 49.5                              | 49.3 | 49.0 | 48.6 | 48.4 | 47.9 | 47.5 | 47.4 | 15.0                         | 13.3 | 17.4 | 20.1 | 21.2 | 19.4 | 17.0 | 15.4 |
| 24               | 46.4                              | 46.2 | 45.9 | 45.9 | 46.0 | 46.3 | 46.6 | 46.7 | 14.0                         | 14.1 | 15.6 | 16.4 | 18.0 | 18.4 | 16.4 | 15.1 |
| 25               | 46.2                              | 45.8 | 45.6 | 45.8 | 45.9 | 46.0 | 46.2 | 46.3 | 14.2                         | 14.1 | 14.6 | 15.7 | 16.8 | 16.5 | 16.3 | 15.1 |
| 26               | 45.7                              | 45.3 | 45.0 | 45.4 | 45.6 | 45.8 | 46.3 | 46.7 | 14.6                         | 15.0 | 15.4 | 16.1 | 17.9 | 17.2 | 16.1 | 15.3 |
| 27               | 46.8                              | 46.9 | 47.1 | 47.2 | 47.6 | 47.8 | 48.3 | 48.8 | 14.9                         | 14.4 | 15.9 | 17.0 | 16.0 | 18.8 | 16.0 | 13.7 |
| 28               | 49.4                              | 49.8 | 50.1 | 50.1 | 50.2 | 50.2 | 50.3 | 50.4 | 12.4                         | 11.5 | 15.2 | 19.0 | 20.8 | 23.2 | 20.9 | 16.1 |
| 29               | 50.4                              | 50.4 | 50.4 | 50.4 | 50.4 | 49.4 | 49.3 | 49.2 | 14.3                         | 12.4 | 15.9 | 19.4 | 22.5 | 21.6 | 20.5 | 16.7 |
| 30               | 49.1                              | 48.6 | 47.8 | 46.8 | 46.6 | 46.3 | 45.5 | 44.5 | 14.8                         | 15.6 | 16.2 | 16.4 | 17.3 | 17.0 | 18.0 | 17.0 |
| 31               | 43.4                              | 42.2 | 41.4 | 41.7 | 41.8 | 42.5 | 42.8 | 43.6 | 16.9                         | 16.4 | 16.2 | 16.1 | 19.0 | 16.0 | 16.0 | 16.2 |

## Ergänzende Beobachtungen um 21h.

|                                  | 1            | 2            | 3            | 4            | 5            | 6            | 7            | 8            | 9            | 10           | 11          | 12           | 13           | 14           | 15           |
|----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|
| Luftdruck<br>õhurõhumine         | 56.4         | 59.6         | 59.9         | 55.8         | 50.1         | 47.0         | 48.6         | 51.0         | 52.4         | 52.7         | 52.3        | 50.4         | 52.2         | 53.9         | 52.2         |
| Temperatuur<br>temperatuur       | 21.8         | 22.3         | 22.5         | 23.1         | 22.8         | 16.7         | 12.1         | 15.8         | 17.4         | 16.2         | 17.6        | 15.8         | 17.0         | 16.4         | 15.5         |
| Relat. Feucht.<br>relat. niiskus | 69           | 61           | 70           | 60           | 63           | 90           | 97           | 73           | 68           | 61           | 67          | 80           | 67           | 75           | 63           |
| Bewölkung<br>pilwitus            | 1            | 0            | 1            | 2            | 7            | 10           | 10           | 9            | 8            | 1            | 1           | 9            | 2            | 10           | 7            |
| Temperatur {<br>max.<br>min.     | 30.1<br>15.9 | 29.3<br>17.3 | 30.6<br>17.0 | 31.3<br>18.8 | 30.5<br>17.0 | 27.5<br>16.1 | 16.7<br>12.0 | 20.0<br>11.3 | 23.5<br>10.8 | 22.0<br>12.6 | 23.2<br>9.2 | 21.8<br>10.5 | 23.3<br>10.9 | 22.6<br>12.4 | 21.2<br>10.8 |

## Juli 1918 Juuli.

| Datum<br>Kuupäev. | Relative Feuchtigkeit<br>relatiivne niiskus |     |    |     |     |     |     |     | Absolute Feuchtigkeit<br>absoluutne niiskus |      |      | Kompletive Feuchtigkeit<br>täisniiskuse puudus |      |     | Feuchtes Thermometer<br>märg termomeeter |      |      |
|-------------------|---|-----|----|-----|-----|-----|-----|-----|---|------|------|--|------|-----|--|------|------|
|                   | 1h  | 4h  | 7h | 10h | 13h | 16h | 19h | 22h | 7h  | 13h  | 21h  | 7h   | 13h  | 21h | 7h                                       | 13h  | 21h  |
| 1                 | 99  | 100 | 93 | 76  | 54  | 51  | 56  | 72  | 14.7  | 14.6 | 13.4 | 1.0  | 12.2 | 6.0 | 17.7                                     | 20.5 | 18.0 |
| 2                 | 85  | 87  | 73 | 56  | 43  | 39  | 44  | 66  | 14.0  | 11.6 | 12.2 | 5.2  | 15.3 | 7.8 | 18.3                                     | 18.6 | 17.3 |
| 3                 | 83  | 86  | 70 | 60  | 48  | 62  | 64  | 72  | 13.4  | 13.6 | 14.3 | 5.6  | 14.8 | 6.0 | 17.9                                     | 20.2 | 18.8 |
| 4                 | 78  | 87  | 74 | 50  | 40  | 39  | 45  | 65  | 14.5  | 11.7 | 12.5 | 5.1  | 17.7 | 8.5 | 18.8                                     | 19.2 | 17.8 |
| 5                 | 78  | 79  | 60 | 49  | 41  | 48  | 55  | 73  | 12.0  | 11.9 | 13.0 | 8.1  | 16.8 | 7.7 | 17.2                                     | 18.6 | 18.0 |
| 6                 | 91  | 95  | 78 | 67  | 55  | 93  | 92  | 91  | 14.9  | 12.6 | 12.8 | 4.3  | 10.5 | 1.4 | 18.9                                     | 18.4 | 15.7 |
| 7                 | 95  | 93  | 97 | 98  | 97  | 98  | 96  | 98  | 10.8  | 11.3 | 10.2 | 0.4  | 0.4  | 0.4 | 12.8                                     | 13.4 | 11.8 |
| 8                 | 100   | 99  | 85 | 68  | 59  | 55  | 61  | 74  | 9.3   | 8.1  | 9.8  | 1.7  | 5.7  | 3.6 | 11.4                                     | 11.8 | 13.0 |
| 9                 | 85  | 92  | 69 | 55  | 41  | 40  | 55  | 72  | 9.3   | 7.2  | 10.1 | 4.2  | 10.6 | 4.7 | 12.7                                     | 12.8 | 13.9 |
| 10                | 90  | 86  | 69 | 59  | 52  | 52  | 64  | 67  | 9.9   | 9.2  | 8.3  | 4.4  | 8.4  | 5.3 | 13.5                                     | 14.3 | 12.0 |
| 11                | 90  | 97  | 88 | 63  | 56  | 51  | 55  | 73  | 9.9   | 10.0 | 10.1 | 1.3  | 7.8  | 4.9 | 12.0                                     | 15.0 | 14.0 |
| 12                | 90  | 99  | 86 | 68  | 63  | 59  | 61  | 86  | 11.5  | 11.6 | 10.6 | 1.8  | 6.7  | 2.7 | 14.4                                     | 16.4 | 13.7 |
| 13                | 92  | 100 | 85 | 66  | 60  | 55  | 55  | 73  | 10.6  | 11.4 | 9.6  | 1.9  | 7.5  | 4.8 | 13.3                                     | 16.4 | 13.4 |
| 14                | 74  | 78  | 84 | 64  | 51  | 46  | 62  | 78  | 11.5  | 9.6  | 10.4 | 2.1  | 9.1  | 3.4 | 14.5                                     | 15.0 | 13.8 |
| 15                | 97  | 100 | 88 | 65  | 62  | 54  | 59  | 68  | 10.7  | 10.2 | 8.2  | 1.5  | 6.2  | 4.9 | 12.4                                     | 14.7 | 11.6 |
| 16                | 87  | 96  | 91 | 62  | 50  | 62  | 83  | 89  | 10.2  | 7.9  | 10.5 | 1.0  | 7.9  | 1.5 | 12.2                                     | 12.6 | 13.0 |
| 17                | 94  | 97  | 89 | 76  | 69  | 67  | 71  | 81  | 10.4  | 9.3  | 9.4  | 1.2  | 4.2  | 2.6 | 12.7                                     | 12.7 | 12.1 |
| 18                | 94  | 97  | 87 | 84  | 73  | 61  | 46  | 56  | 10.0  | 9.7  | 5.9  | 1.5  | 3.6  | 5.2 | 12.2                                     | 13.0 | 8.4  |
| 19                | 74  | 89  | 72 | 51  | 55  | 56  | 54  | 66  | 7.7   | 8.0  | 8.5  | 3.0  | 6.6  | 5.6 | 9.8                                      | 12.2 | 12.3 |
| 20                | 83  | 88  | 79 | 60  | 50  | 52  | 61  | 88  | 10.2  | 9.2  | 11.0 | 2.7  | 9.3  | 2.6 | 13.1                                     | 14.6 | 14.2 |
| 21                | 97  | 99  | 87 | 59  | 58  | 49  | 54  | 71  | 11.2  | 9.5  | 10.0 | 1.7  | 7.0  | 5.2 | 13.9                                     | 14.2 | 14.0 |
| 22                | 91  | 99  | 81 | 55  | 55  | 56  | 60  | 81  | 11.6  | 10.6 | 10.6 | 2.7  | 8.8  | 4.8 | 14.9                                     | 16.0 | 14.6 |
| 23                | 90  | 97  | 75 | 63  | 61  | 72  | 94  | 85  | 11.1  | 11.5 | 12.7 | 3.7  | 7.2  | 0.5 | 14.7                                     | 16.4 | 15.3 |
| 24                | 97  | 98  | 90 | 85  | 78  | 75  | 82  | 93  | 11.9  | 12.0 | 11.7 | 1.3  | 3.3  | 1.3 | 14.6                                     | 15.6 | 14.4 |
| 25                | 96  | 99  | 98 | 94  | 88  | 93  | 89  | 98  | 12.1  | 12.4 | 12.6 | 0.3  | 1.8  | 0.4 | 14.4                                     | 15.5 | 15.3 |
| 26                | 99  | 99  | 98 | 96  | 93  | 93  | 94  | 95  | 12.7  | 14.1 | 12.4 | 0.3  | 1.1  | 0.8 | 15.2                                     | 17.1 | 15.0 |
| 27                | 97  | 97  | 95 | 92  | 95  | 76  | 85  | 88  | 12.8  | 12.8 | 11.5 | 0.7  | 0.7  | 0.9 | 15.4                                     | 15.5 | 14.0 |
| 28                | 96  | 99  | 86 | 60  | 49  | 48  | 56  | 75  | 11.0  | 9.0  | 9.3  | 1.8  | 9.2  | 5.6 | 13.8                                     | 14.4 | 13.4 |
| 29                | 85  | 94  | 78 | 60  | 54  | 56  | 61  | 75  | 10.4  | 11.0 | 11.6 | 3.0  | 9.3  | 3.6 | 13.6                                     | 16.5 | 15.2 |
| 30                | 94  | 89  | 94 | 92  | 86  | 92  | 87  | 94  | 12.8  | 12.6 | 12.9 | 0.8  | 2.1  | 1.7 | 15.6                                     | 15.8 | 16.0 |
| 31                | 100   | 98  | 95 | 80  | 82  | 98  | 99  | 97  | 13.0  | 13.4 | 13.3 | 0.7  | 2.9  | 0.6 | 15.7                                     | 17.0 | 16.0 |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 51.0 | 55.9 | 56.0 | 52.4 | 52.2 | 51.9 | 49.6 | 47.4 | 46.7 | 46.4 | 46.6 | 48.6 | 50.3 | 49.1 | 44.9 | 43.5 | 51.19            |
| 14.2 | 14.2 | 13.0 | 16.6 | 16.2 | 17.8 | 18.1 | 15.7 | 15.4 | 15.4 | 15.6 | 14.7 | 17.6 | 17.8 | 17.2 | 16.4 | 17.06            |
| 88   | 79   | 53   | 60   | 81   | 66   | 68   | 96   | 90   | 97   | 94   | 92   | 62   | 76   | 89   | 96   | 76               |
| 8    | 10   | 0    | 8    | 2    | 1    | 7    | 10   | 9    | 9    | 10   | 8    | 1    | 3    | 3    | 9    | 5.7              |
| 20.2 | 17.3 | 18.3 | 20.2 | 24.0 | 22.2 | 24.5 | 23.0 | 19.5 | 18.5 | 19.1 | 19.7 | 23.3 | 24.7 | 18.0 | 19.1 | 22.75            |
| 10.1 | 11.3 | 11.6 | 7.1  | 10.5 | 10.9 | 11.6 | 13.1 | 14.0 | 14.0 | 14.5 | 14.3 | 11.3 | 12.0 | 14.4 | 15.7 | 12.87            |

| Datum<br>Kupäew | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |  |  |  |  |
|-----------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
|                 | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |  |  |  |  |
|                 | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |  |  |  |  |
| 1               | 2.3                                 | 1.6 | 2.1 | 2.9 | 2.7 | 3.9 | 2.5 | 2.5 | 0.8               | 1.8 | —   | —   | 0.6 | 1.3 | 0.1 | —   | 0.4 | 1.7 | 0.1 | —   |  |  |  |  |
| 2               | 2.2                                 | 2.4 | 2.7 | 4.1 | 5.1 | 5.1 | 2.5 | 1.8 | —                 | 1.6 | 0.9 | —   | —   | 1.7 | 1.3 | —   | —   | 2.0 | 1.0 | —   |  |  |  |  |
| 3               | 1.8                                 | 1.7 | 2.2 | 3.5 | 4.2 | 3.0 | 1.8 | 1.7 | —                 | 1.7 | 0.3 | —   | —   | 1.7 | 0.2 | —   | 0.1 | 2.1 | 0.4 | —   |  |  |  |  |
| 4               | 1.5                                 | 1.5 | 1.5 | 1.6 | 3.2 | 2.7 | 1.5 | 1.0 | 0.2               | 1.4 | —   | —   | —   | 1.4 | 0.2 | —   | —   | 1.2 | 0.6 | —   |  |  |  |  |
| 5               | 1.5                                 | 0.7 | 0.6 | 1.4 | 1.8 | 2.9 | 0.9 | 0.7 | —                 | 0.6 | 0.9 | —   | —   | —   | 0.8 | —   | —   | 0.2 | 0.5 | —   |  |  |  |  |
| 6               | 1.2                                 | 1.2 | 1.5 | 1.5 | 2.7 | 2.9 | 1.6 | 1.7 | —                 | —   | —   | 1.3 | 0.1 | —   | —   | 1.1 | 0.2 | —   | —   | 1.1 |  |  |  |  |
| 7               | 2.4                                 | 3.3 | 3.2 | 2.6 | 2.9 | 4.9 | 3.4 | 2.7 | 1.1               | —   | —   | 1.5 | 2.2 | —   | —   | 1.7 | 2.0 | —   | —   | 2.0 |  |  |  |  |
| 8               | 3.3                                 | 3.3 | 4.0 | 3.0 | 3.2 | 2.8 | 1.2 | 1.0 | 0.4               | —   | —   | 3.1 | 0.4 | —   | —   | 3.2 | 0.5 | —   | 0.1 | 3.8 |  |  |  |  |
| 9               | 1.5                                 | 1.5 | 1.2 | 1.9 | 1.7 | 2.0 | 2.0 | 0.9 | —                 | —   | —   | 1.6 | —   | —   | —   | 1.6 | 0.1 | —   | 0.5 | 0.9 |  |  |  |  |
| 10              | 1.8                                 | 1.8 | 3.3 | 3.3 | 3.5 | 2.0 | 2.3 | 2.1 | —                 | 0.8 | 0.5 | —   | —   | 0.3 | —   | 0.5 | —   | —   | 1.5 | 2.5 |  |  |  |  |
| 11              | 2.0                                 | 1.8 | 2.7 | 3.0 | 2.7 | 2.7 | 1.7 | 1.6 | 0.2               | —   | —   | 2.1 | 0.2 | —   | —   | 1.8 | 1.8 | —   | —   | 1.7 |  |  |  |  |
| 12              | 2.2                                 | 3.0 | 2.8 | 3.3 | 4.3 | 4.0 | 3.5 | 3.3 | 0.2               | —   | —   | 2.0 | 0.1 | —   | 0.1 | 3.0 | 0.1 | —   | 0.2 | 2.7 |  |  |  |  |
| 13              | 3.3                                 | 3.7 | 3.6 | 4.5 | 4.0 | 3.9 | 3.0 | 2.7 | 0.2               | —   | 0.1 | 3.1 | 0.2 | —   | 0.3 | 3.7 | 0.7 | —   | —   | 3.4 |  |  |  |  |
| 14              | 1.9                                 | 1.9 | 3.1 | 4.9 | 5.2 | 4.7 | 1.6 | 1.8 | —                 | —   | 0.8 | 1.6 | —   | —   | 1.0 | 1.4 | 0.1 | —   | 0.7 | 2.8 |  |  |  |  |
| 15              | 1.8                                 | 1.7 | 3.7 | 3.7 | 5.1 | 4.7 | 2.9 | 2.7 | —                 | —   | 0.3 | 1.5 | —   | —   | 0.8 | 1.5 | —   | —   | 1.5 | 2.8 |  |  |  |  |
| 16              | 2.7                                 | 2.1 | 1.8 | 2.4 | 3.4 | 3.1 | 2.3 | 2.1 | —                 | —   | 1.0 | 2.2 | —   | —   | 0.7 | 1.8 | —   | —   | 0.1 | 1.8 |  |  |  |  |
| 17              | 2.1                                 | 2.4 | 2.9 | 3.9 | 3.8 | 3.7 | 2.5 | 2.2 | 0.8               | —   | —   | 1.9 | 1.3 | —   | —   | 1.6 | 2.3 | 0.7 | —   | 0.2 |  |  |  |  |
| 18              | 2.1                                 | 1.7 | 2.3 | 2.7 | 2.7 | 3.1 | 2.1 | 1.2 | 1.6               | 0.3 | —   | 0.4 | 1.1 | —   | —   | 1.2 | 1.4 | 0.1 | —   | 1.6 |  |  |  |  |
| 19              | 2.1                                 | 1.0 | 0.9 | 1.6 | 1.7 | 1.3 | 0.8 | 0.5 | 2.0               | 0.1 | —   | 0.1 | 0.5 | 0.5 | —   | —   | —   | 0.4 | 0.6 | 0.1 |  |  |  |  |
| 20              | 0.9                                 | 0.6 | 0.8 | 2.5 | 3.5 | 3.9 | 2.1 | 2.4 | —                 | —   | —   | 1.0 | —   | —   | —   | 0.7 | —   | 0.2 | 0.5 | 0.2 |  |  |  |  |
| 21              | 2.8                                 | 2.4 | 2.0 | 1.8 | 2.0 | 1.7 | 0.9 | 0.6 | —                 | —   | 0.6 | 2.6 | —   | —   | 0.6 | 2.1 | —   | —   | 0.1 | 1.9 |  |  |  |  |
| 22              | 0.6                                 | 0.9 | 1.6 | 1.5 | 2.8 | 2.1 | 1.5 | 0.9 | 0.5               | —   | —   | 0.3 | 0.7 | 0.1 | —   | 0.3 | 0.1 | 1.3 | 0.4 | —   |  |  |  |  |
| 23              | 1.6                                 | 1.5 | 1.9 | 2.4 | 2.1 | 1.4 | 2.1 | 2.3 | 1.2               | 0.2 | —   | 0.1 | 0.9 | —   | —   | 0.5 | 1.3 | —   | —   | 1.1 |  |  |  |  |
| 24              | 1.5                                 | 1.5 | 1.9 | 2.7 | 3.3 | 3.1 | 2.6 | 2.6 | 1.3               | 0.1 | —   | 0.6 | 1.6 | —   | —   | —   | 1.8 | 0.4 | —   | 0.1 |  |  |  |  |
| 25              | 2.3                                 | 2.1 | 2.3 | 2.7 | 3.3 | 2.9 | 1.9 | 1.8 | 0.8               | —   | —   | 1.6 | 1.1 | —   | —   | 1.3 | 1.0 | —   | —   | 1.4 |  |  |  |  |
| 26              | 2.2                                 | 2.0 | 1.5 | 1.1 | 1.7 | 2.1 | 1.6 | 1.5 | 0.2               | —   | —   | 2.2 | 0.2 | —   | —   | 2.0 | 0.3 | —   | —   | 1.3 |  |  |  |  |
| 27              | 1.7                                 | 1.5 | 1.8 | 2.6 | 4.2 | 4.1 | 2.4 | 2.6 | 0.2               | —   | —   | 1.7 | 0.1 | —   | 0.1 | 1.5 | 1.9 | —   | —   | —   |  |  |  |  |
| 28              | 3.0                                 | 2.8 | 3.2 | 3.4 | 3.8 | 3.6 | 1.8 | 1.2 | —                 | —   | 1.1 | 2.5 | —   | —   | 0.9 | 2.4 | —   | —   | 1.2 | 2.6 |  |  |  |  |
| 29              | 1.0                                 | 0.7 | 0.7 | 1.3 | 1.3 | 1.8 | 1.8 | 1.6 | —                 | —   | 1.0 | 0.1 | —   | —   | 0.6 | 0.2 | 0.4 | —   | —   | 0.5 |  |  |  |  |
| 30              | 1.4                                 | 3.0 | 3.4 | 5.5 | 5.4 | 5.8 | 6.0 | 6.0 | 1.2               | 0.2 | —   | —   | 1.7 | 1.9 | —   | —   | 2.0 | 2.4 | —   | —   |  |  |  |  |
| 31              | 5.9                                 | 6.1 | 4.9 | 5.7 | 6.3 | 5.3 | 5.5 | 4.1 | 3.2               | 3.8 | —   | —   | 3.2 | 4.0 | —   | —   | 2.8 | 3.8 | —   | —   |  |  |  |  |

T a g e s m i t t e l

|                                   | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine          | 56.48 | 58.80 | 60.45 | 57.78 | 52.64 | 47.81 | 47.21 | 50.06 | 51.96 | 53.15 | 52.62 | 50.92 | 51.51 | 53.51 | 53.31 |
| Temperatuur<br>temperatuur        | 21.65 | 23.38 | 22.69 | 24.01 | 23.24 | 19.45 | 13.48 | 14.95 | 17.19 | 16.92 | 16.40 | 16.58 | 17.25 | 17.21 | 15.79 |
| Relat. Feucht.<br>relat. niiskus  | 75    | 62    | 68    | 60    | 60    | 83    | 96    | 75    | 64    | 67    | 72    | 76    | 73    | 67    | 74    |
| Absol. Feucht.<br>absol. niiskus  | 14.23 | 12.60 | 13.77 | 12.90 | 12.30 | 13.43 | 10.77 | 9.07  | 8.87  | 9.13  | 10.00 | 13.23 | 10.53 | 10.50 | 9.70  |
| Köpl. Feucht.<br>täisniisk.puudus | 6.40  | 9.43  | 8.80  | 10.43 | 10.87 | 5.40  | 0.40  | 3.67  | 6.50  | 6.03  | 4.67  | 3.73  | 4.73  | 4.87  | 4.20  |

## Juli 1918 Juuli.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |
| —                                    | 2.1 | 1.3 | —   | —   | 1.6 | 1.2 | —   | —   | 3.2 | 1.2 | —   | —   | 2.2 | 0.7 | —   | —   | 2.1 | 1.0 | —   | 0.22            | 2.00 | 0.70 | —    |
| —                                    | 3.0 | 1.6 | —   | —   | 4.0 | 1.8 | —   | —   | 3.8 | 2.1 | —   | —   | 2.2 | 0.6 | —   | —   | 1.9 | —   | —   | —               | 2.52 | 1.16 | —    |
| 0.5                                  | 3.0 | 0.3 | —   | 0.2 | 3.2 | 1.4 | —   | 0.6 | 2.7 | 0.1 | —   | 0.3 | 1.8 | 0.1 | —   | 0.3 | 1.6 | —   | —   | 0.25            | 2.22 | 0.35 | —    |
| —                                    | 0.9 | 1.0 | —   | —   | 1.7 | 2.2 | —   | —   | 0.8 | 2.3 | —   | —   | 0.5 | 1.2 | —   | —   | 0.6 | 0.6 | —   | 0.02            | 1.06 | 1.01 | —    |
| —                                    | 1.0 | 0.5 | 0.1 | 0.2 | 0.8 | 1.1 | —   | 1.2 | —   | 0.2 | 2.0 | 0.6 | —   | —   | 0.6 | 0.2 | —   | —   | 0.5 | 0.28            | 0.32 | 0.50 | 0.40 |
| 0.9                                  | —   | —   | 0.6 | 0.6 | 0.3 | 0.7 | 1.4 | 0.9 | —   | 0.3 | 2.3 | 1.3 | 0.3 | —   | 0.1 | 0.9 | —   | —   | 0.8 | 0.61            | 0.08 | 0.12 | 1.09 |
| 0.6                                  | —   | —   | 2.2 | 0.6 | —   | —   | 2.7 | 1.0 | —   | —   | 4.5 | 0.6 | —   | —   | 3.1 | 0.3 | —   | 0.1 | 2.5 | 1.05            | —    | 0.01 | 2.52 |
| 0.3                                  | —   | 0.4 | 2.8 | —   | —   | 0.7 | 2.8 | —   | —   | 0.1 | 2.7 | —   | —   | 0.1 | 1.1 | —   | —   | —   | 1.1 | 0.20            | —    | 0.18 | 2.58 |
| —                                    | —   | 1.1 | 1.2 | —   | 0.3 | 1.3 | 0.4 | —   | 0.8 | 1.3 | —   | —   | 1.3 | 0.8 | 0.1 | —   | 0.2 | 0.6 | 0.2 | 0.01            | 0.32 | 0.70 | 0.75 |
| —                                    | —   | 0.9 | 2.9 | 0.1 | —   | 0.7 | 3.1 | 0.1 | —   | 0.1 | 2.0 | 0.1 | —   | 0.6 | 2.0 | —   | —   | 0.2 | 2.1 | 0.04            | 0.14 | 0.56 | 1.89 |
| 1.8                                  | 0.1 | —   | 1.7 | 1.4 | 0.2 | —   | 1.5 | 2.1 | 0.3 | —   | 0.8 | 1.3 | 0.1 | —   | 0.6 | 0.1 | —   | —   | 1.7 | 1.11            | 0.09 | —    | 1.49 |
| 0.3                                  | —   | 0.3 | 3.0 | 1.2 | —   | 0.1 | 3.5 | 1.2 | —   | —   | 3.5 | 0.7 | —   | 0.1 | 3.0 | 0.2 | —   | 0.1 | 3.2 | 0.50            | —    | 0.11 | 2.99 |
| 0.5                                  | —   | 0.4 | 4.2 | 0.7 | —   | 0.3 | 3.8 | 0.5 | —   | 0.1 | 3.7 | 0.1 | —   | 0.3 | 3.0 | —   | —   | 0.8 | 2.3 | 0.36            | —    | 0.29 | 3.40 |
| 0.1                                  | —   | 1.2 | 4.4 | 0.2 | —   | 1.2 | 4.6 | 0.2 | —   | 0.7 | 4.4 | —   | —   | 0.4 | 1.5 | —   | —   | 0.5 | 1.6 | 0.08            | —    | 0.81 | 2.79 |
| —                                    | —   | 1.8 | 2.9 | —   | —   | 2.0 | 4.0 | 0.2 | —   | 0.6 | 4.5 | —   | —   | 0.4 | 2.9 | —   | —   | 1.0 | 2.2 | 0.02            | —    | 1.05 | 2.79 |
| 0.3                                  | —   | 0.2 | 2.2 | 0.5 | —   | 0.3 | 3.0 | 1.6 | —   | —   | 2.3 | 0.6 | —   | —   | 2.0 | 0.5 | —   | —   | 1.8 | 0.44            | —    | 0.29 | 2.14 |
| 2.7                                  | 2.1 | —   | 0.2 | 2.9 | 1.6 | —   | 0.2 | 2.9 | 1.5 | 0.1 | 0.1 | 1.7 | 0.9 | —   | 0.1 | 1.8 | 0.2 | —   | 0.3 | 2.05            | 0.88 | 0.01 | 0.58 |
| 1.9                                  | 1.1 | —   | 0.4 | 1.8 | 0.7 | —   | 0.8 | 2.4 | 0.8 | —   | 0.5 | 1.7 | 0.7 | —   | 0.1 | 0.9 | 0.3 | —   | —   | 1.60            | 0.50 | —    | 0.62 |
| 0.2                                  | 0.9 | 0.3 | 0.1 | 0.5 | 1.2 | —   | 0.1 | —   | 1.0 | 0.5 | —   | —   | 0.3 | 0.6 | —   | —   | —   | 0.5 | 0.5 | 0.40            | 0.55 | 0.31 | 0.11 |
| 0.1                                  | —   | 0.5 | 2.2 | 0.3 | —   | 0.4 | 3.2 | 0.5 | —   | 0.3 | 3.6 | 0.1 | —   | 0.1 | 2.0 | —   | —   | 0.4 | 2.3 | 0.12            | 0.02 | 0.28 | 1.90 |
| —                                    | —   | 0.5 | 1.7 | 0.1 | —   | 0.9 | 1.4 | 0.4 | 0.1 | 0.2 | 1.3 | —   | —   | —   | 1.0 | 0.3 | —   | —   | 0.3 | 0.10            | 0.01 | 0.36 | 1.54 |
| —                                    | 1.0 | 0.8 | 0.2 | 0.4 | 2.1 | 0.6 | —   | 0.3 | 1.9 | 0.3 | —   | 0.2 | 1.4 | —   | —   | 0.3 | 0.7 | —   | —   | 0.31            | 1.06 | 0.26 | 0.10 |
| 1.5                                  | 0.1 | —   | 1.3 | 1.7 | 0.2 | —   | 0.6 | 0.7 | 0.1 | —   | 0.6 | 0.5 | —   | —   | 1.8 | 1.8 | 0.1 | —   | 1.0 | 1.20            | 0.09 | —    | 0.88 |
| 2.4                                  | 0.4 | —   | 0.4 | 2.7 | 0.9 | —   | 0.3 | 2.7 | 0.4 | —   | 0.4 | 2.0 | 0.2 | —   | 0.9 | 0.4 | —   | —   | 2.0 | 1.86            | 0.30 | —    | 0.59 |
| 2.0                                  | —   | —   | 1.2 | 2.2 | —   | —   | 1.7 | 1.5 | —   | —   | 1.8 | 1.4 | —   | —   | 0.9 | 0.6 | —   | —   | 1.5 | 1.32            | —    | —    | 1.42 |
| 0.7                                  | 0.1 | —   | 0.3 | 1.2 | 0.2 | —   | 0.2 | 1.1 | 0.1 | —   | 1.1 | 1.2 | —   | —   | 0.6 | 0.5 | —   | —   | 1.0 | 0.68            | 0.05 | —    | 1.09 |
| —                                    | —   | 0.4 | 2.5 | —   | —   | 1.3 | 3.5 | 0.5 | —   | —   | 3.8 | 0.1 | —   | 0.1 | 2.4 | —   | —   | 0.7 | 2.3 | 0.35            | —    | 0.32 | 2.21 |
| —                                    | —   | 1.4 | 2.8 | —   | —   | 1.6 | 2.9 | —   | —   | 0.5 | 3.4 | —   | —   | 0.1 | 1.8 | —   | —   | 0.7 | 0.6 | —               | —    | 0.94 | 2.38 |
| 0.2                                  | 0.1 | 0.9 | 0.8 | 0.4 | 0.4 | 0.2 | 0.5 | 0.2 | 1.3 | 0.3 | —   | 0.5 | 1.4 | —   | —   | 0.9 | 0.9 | —   | —   | 0.32            | 0.51 | 0.38 | 0.26 |
| 3.0                                  | 3.8 | —   | —   | 2.2 | 4.1 | —   | —   | 2.6 | 4.2 | —   | —   | 3.1 | 4.1 | —   | —   | 3.3 | 3.8 | —   | —   | 2.39            | 3.06 | —    | —    |
| 3.0                                  | 3.6 | —   | —   | 3.4 | 3.9 | —   | —   | 3.0 | 3.0 | —   | —   | 3.0 | 3.5 | —   | —   | 2.0 | 2.8 | —   | —   | 2.95            | 3.55 | —    | —    |

## l g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | Mittel<br>keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| 50.79 | 53.72 | 56.74 | 54.12 | 52.05 | 52.39 | 50.56 | 48.45 | 46.25 | 45.98 | 45.72 | 47.56 | 50.06 | 49.99 | 46.90 | 42.42 | 51.35            |
| 14.28 | 14.22 | 14.05 | 14.29 | 16.74 | 16.91 | 17.95 | 17.35 | 16.00 | 15.41 | 15.95 | 15.84 | 17.39 | 17.91 | 16.54 | 16.60 | 17.34            |
| 78    | 80    | 75    | 65    | 70    | 72    | 72    | 80    | 87    | 94    | 96    | 91    | 71    | 70    | 91    | 94    | 76               |
| 9.53  | 9.70  | 8.53  | 8.07  | 10.13 | 10.23 | 10.93 | 11.77 | 11.87 | 12.37 | 13.07 | 12.37 | 9.77  | 11.00 | 12.77 | 13.23 | 11.11            |
| 3.47  | 2.67  | 3.43  | 5.07  | 4.87  | 4.63  | 5.43  | 3.80  | 1.97  | 0.83  | 0.73  | 0.77  | 5.53  | 5.30  | 1.53  | 1.40  | 4.57             |

## Juli 1918 Juuli.

| Bewölkung Pilwitus |  |     |     |     |     |     |                 |          |         |           |          |         |          |  |
|--------------------|--|-----|-----|-----|-----|-----|-----------------|----------|---------|-----------|----------|---------|----------|--|
| Datum<br>Kuupäev   | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |          |         |           |          |         |          |  |
|                    | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h      | 13h     | 16h       | 19h      | 21h     | 22h      |  |
|                    |  |     |     |     |     |     |                 |          |         |           |          |         |          |  |
| 1                  | 9  | 10  | 4   | 5   | 3   | 3   | ACu,SCu         | ⊙CiCu    | Ci,Cu   | CiCu,FrCu | ⊙CiCu    | CuNb    | SCu      |  |
| 2                  | 0  | 1   | 1   | 0   | 0   | 0   | ⊙—              | ⊙Cu      | ⊙Cu     | ⊙—        | ⊙—       | ⊙—      | —        |  |
| 3                  | 1  | 0   | 2   | 9   | 2   | 1   | ⊙CiS            | ⊙—       | ⊙Cu     | CuNb      | ⊙FrCu    | Cu      | FrCu     |  |
| 4                  | 4  | 1   | 2   | 2   | 1   | 1   | ⊙FrCu           | ⊙FrCu    | ⊙FrCu   | ⊙FrCu     | ⊙CiS     | CiS     | CiS      |  |
| 5                  | 1  | 2   | 3   | 1   | 4   | 9   | ⊙CiS            | ⊙Cu      | ⊙Cu     | ⊙Cu       | ⊙Ci      | Ci,ACu  | ACu,CuNb |  |
| 6                  | 7  | 1   | 9   | 10  | 10  | 10  | ACu,Ci          | CiCu,Cu  | CuNb    | Nb        | Nb       | Nb      | St       |  |
| 7                  | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb       | St      | Nb        | St       | Nb      | St       |  |
| 8                  | 10   | 9   | 8   | 7   | 9   | 9   | St              | ⊙SCu     | Cu      | ⊙Cu,CiCu  | ACu      | ACu,SCu | ACu,SCu  |  |
| 9                  | 1  | 2   | 2   | 1   | 5   | 9   | ⊙CiS            | ⊙Cu      | ⊙Cu     | ⊙Cu       | SCu      | SCu     | SCu      |  |
| 10                 | 0  | 5   | 3   | 5   | 9   | 1   | ⊙—              | ⊙Cu      | ⊙Cu     | ⊙Cu       | ⊙SCu     | SCu     | SCu      |  |
| 11                 | 7  | 1   | 4   | 4   | 1   | 1   | Cu              | ⊙Cu      | ⊙Cu     | ⊙Cu       | ⊙Cu      | CiS     | CiS      |  |
| 12                 | 7  | 9   | 10  | 10  | 9   | 9   | ⊙Ci             | Cu,Ci    | Cu,CiCu | SCu       | Ci,SCu   | Ci,CiCu | Ci       |  |
| 13                 | 10   | 1   | 7   | 5   | 2   | 2   | SCu             | ⊙FrCu    | Cu      | Cu        | ⊙Cu      | Ci,CiS  | Ci,CiS   |  |
| 14                 | 9  | 5   | 5   | 8   | 9   | 10  | ⊙SCu            | ⊙Cu      | ⊙Cu     | ⊙CiCu     | ACu      | St      | St       |  |
| 15                 | 2  | 9   | 9   | 7   | 9   | 3   | ⊙Cu             | ⊙Cu      | CuNb    | ⊙ACu      | ACu,St   | ⊙ACu,St | St       |  |
| 16                 | 10   | 7   | 9   | 9   | 9   | 9   | SCu             | ⊙Cu      | ⊙Cu     | FrCu,Ci   | Cu       | Ci,SCu  | ACu      |  |
| 17                 | 9  | 8   | 9   | 10  | 9   | 10  | CuNb,ACu        | ⊙Cu      | SCu     | SCu       | SCu,AS   | SCu     | SCu      |  |
| 18                 | 10   | 10  | 8   | 1   | 0   | 0   | SCu             | Nb       | ⊙Cu     | ⊙FrCu     | ⊙—       | —       | —        |  |
| 19                 | 1  | 1   | 7   | 2   | 2   | 1   | ⊙ACu            | ⊙ACu     | Cu      | ⊙Cu       | SCu      | SCu     | FrCu     |  |
| 20                 | 9  | 8   | 6   | 1   | 2   | 7   | ACu             | ACu,Ci   | ⊙Cu     | ⊙Cu       | ⊙Cu      | Cu      | ACu      |  |
| 21                 | 6  | 8   | 9   | 2   | 8   | 5   | ⊙Cu             | Cu       | ⊙Cu,ACu | ⊙FrCu,Ci  | Ci,FrCu  | CiS,SCu | CiS      |  |
| 22                 | 1  | 5   | 6   | 8   | 10  | 5   | ⊙Ci             | ⊙Cu      | ⊙Cu     | Cu        | ⊙Ci,CiCu | ACu,SCu | ACu      |  |
| 23                 | 3  | 7   | 10  | 10  | 10  | 10  | ⊙CiS            | ⊙Cu      | St      | St        | Nb       | Nb      | St       |  |
| 24                 | 10   | 10  | 9   | 10  | 10  | 7   | SCu             | St       | Cu,SCu  | St,SCu    | St       | SCu     | SCu      |  |
| 25                 | 10   | 10  | 9   | 10  | 10  | 10  | Nb              | St       | AS      | St        | SCu      | SCu     | Nb       |  |
| 26                 | 10   | 10  | 10  | 10  | 10  | 9   | Nb              | Nb       | Nb      | SCu       | Nb       | St      | SCu      |  |
| 27                 | 10   | 10  | 10  | 10  | 9   | 7   | St              | AS       | Nb      | SCu       | ACu,SCu  | SCu     | SCu,ACu  |  |
| 28                 | 1  | 1   | 3   | 6   | 3   | 2   | ⊙Ci             | ⊙FrCu    | ⊙FrCu   | ⊙Ci,SCu   | ⊙Ci,CiS  | CiS     | Ci,AS    |  |
| 29                 | 10   | 2   | 3   | 9   | 9   | 6   | ⊙ACu            | ⊙CiCu,Cu | ⊙Cu     | Cu        | ACu,Ci   | AS      | ACu,CiCu |  |
| 30                 | 10   | 10  | 10  | 10  | 10  | 8   | Nb              | Nb       | St      | SCu       | ACu,SCu  | SCu     | ACu,SCu  |  |
| 31                 | 10   | 10  | 9   | 10  | 10  | 10  | Nb              | St       | ⊙Cu,Nb  | St        | St       | St,FrSt | St       |  |

## Stundenmittel Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |      |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|------|-------|---------------------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N-S  | E-W   |                                 |                                   |   |
| 1                | 0.52                         | 0.41 | 0.24 | 1.13 | 0.28 | -0.73 | 296                             | 0.78                              | 2.08                                    |
| 4                | 0.52                         | 0.42 | 0.25 | 1.13 | 0.27 | -0.72 | 324                             | 0.77                              | 2.05                                    |
| 7                | 0.69                         | 0.53 | 0.32 | 1.18 | 0.36 | -0.65 | 306                             | 0.74                              | 2.33                                    |
| 10               | 0.74                         | 0.75 | 0.51 | 1.36 | 0.23 | -0.61 | 286                             | 0.65                              | 2.87                                    |
| 13               | 0.82                         | 0.88 | 0.65 | 1.49 | 0.18 | -0.61 | 291                             | 0.63                              | 3.31                                    |
| 16               | 0.92                         | 0.84 | 0.36 | 0.59 | 0.55 | -0.75 | 299                             | 0.93                              | 3.26                                    |
| 19               | 0.68                         | 0.67 | 0.20 | 1.02 | 0.48 | -0.35 | 291                             | 0.59                              | 2.24                                    |
| 22               | 0.49                         | 0.49 | 0.23 | 1.03 | 0.26 | -0.54 | 291                             | 0.60                              | 1.99                                    |
| Mittel<br>keskm. | 0.67                         | 0.62 | 0.34 | 1.24 | 0.33 | -0.62 | 298                             | 0.70                              | 2.52                                    |

## Juli 1918 Juuli.

| Datum<br>Kuupäev | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d   |
|------------------|---------------------------------|--------|-------------------------------------|--|--|
|                  | 7h—21h                          | 21h—7h |                                     |  |  |
| 1                | —                               | —      | 2.1                                 | 90   | ☐n.  |
| 2                | —                               | —      | 3.4                                 | 89   | ● <sup>16</sup> <sup>2</sup> m—26 <sup>m</sup> ; T <sup>16</sup> <sup>17</sup> m—32 <sup>m</sup> (NE—NW).                  |
| 3                | 1.1                             | —      | 2.7                                 | 92   |  |
| 4                | —                               | —      | 2.1                                 | 90   |  |
| 5                | —                               | 0.0    | 3.0                                 | 87   | ● <sup>0</sup> n.  |
| 6                | 26.1                            | 7.3    | 1.0                                 | 84   | ☐ <sup>12</sup> <sup>55</sup> m—14 <sup>32</sup> m; ● <sup>13</sup> <sup>5</sup> m—n; Wasserhose                           |
| 7                | 17.3                            | 2.0    | 0.0                                 | 87   | ● <sup>a</sup> , p, n; ● <sup>8</sup> <sup>50</sup> m—10 <sup>h</sup> . [13 <sup>17</sup> m—21 <sup>m</sup> .              |
| 8                | —                               | —      | 1.3                                 | 89   |  |
| 9                | —                               | —      | 2.1                                 | 85   |  |
| 10               | —                               | —      | 2.4                                 | 82   |  |
| 11               | —                               | —      | 2.6                                 | 86   | ☐n.  |
| 12               | —                               | —      | 1.2                                 | 88   | ☐n.  |
| 13               | 0.0                             | 0.1    | 2.3                                 | 86   | ● <sup>0</sup> <sup>14</sup> <sup>8</sup> m—15 <sup>m</sup> ; ☐n.  |
| 14               | 0.0                             | —      | 3.1                                 | 89   | T <sup>21</sup> <sup>53</sup> m(S); ● <sup>0</sup> p.  |
| 15               | 0.0                             | —      | 2.8                                 | 89   | ● <sup>0</sup> <sup>12</sup> <sup>20</sup> m—13 <sup>10</sup> m.   |
| 16               | 1.5                             | 0.1    | 0.8                                 | 88   | ● <sup>a</sup> , p, n.   |
| 17               | 0.0                             | —      | 2.0                                 | 86   | ● <sup>0</sup> <sup>8</sup> <sup>45</sup> m—9 <sup>15</sup> m.   |
| 18               | 0.0                             | —      | 2.1                                 | 83   | ● <sup>0</sup> a.  |
| 19               | —                               | —      | 2.0                                 | 81   |  |
| 20               | —                               | —      | 2.0                                 | 80   | ☐n.  |
| 21               | —                               | —      | 2.1                                 | 79   | ☐n.  |
| 22               | 0.0                             | —      | 2.1                                 | 79   | ● <sup>0</sup> <sup>14</sup> <sup>25</sup> m—35 <sup>m</sup> ; ☐ <sup>21</sup> <sup>h</sup> ; ☐n.                          |
| 23               | 3.5                             | 0.4    | 1.4                                 | 79   | ● <sup>12</sup> <sup>45</sup> m—55 <sup>m</sup> , p, n.  |
| 24               | —                               | 0.8    | 0.7                                 | 82   | ● <sup>n</sup> .   |
| 25               | 2.4                             | 8.9    | 0.5                                 | 79   | ● <sup>p</sup> , n.  |
| 26               | 5.3                             | 0.2    | 0.2                                 | 80   | ● <sup>a</sup> , p, n; T <sup>13</sup> <sup>40</sup> m—44 <sup>m</sup> ; ☐ <sup>20</sup> <sup>25</sup> m—32 <sup>m</sup> . |
| 27               | 9.8                             | —      | 1.1                                 | 81   | ● <sup>a</sup> , p; ☐n.  |
| 28               | —                               | —      | 3.0                                 | 82   |  |
| 29               | —                               | 1.1    | 0.8                                 | 87   | ● <sup>n</sup> .   |
| 30               | 4.1                             | 3.7    | 1.0                                 | 91   | ● <sup>a</sup> , n.  |
| 31               | 16.5                            | 0.3    | 0.6                                 | 98   | ● <sup>a</sup> , p, n.   |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 51.63                         | 14.23                               | 90                                     | —                          | 1                |
| 51.52                         | 13.19                               | 94                                     | —                          | 4                |
| 51.48                         | 16.21                               | 84                                     | 6.4                        | 7                |
| 51.45                         | 18.87                               | 69                                     | 5.9                        | 10               |
| 51.29                         | 20.56                               | 62                                     | 6.6                        | 13               |
| 51.16                         | 20.55                               | 63                                     | 6.5                        | 16               |
| 51.07                         | 19.05                               | 68                                     | 6.6                        | 19               |
| 51.23                         | 16.08                               | 79                                     | 5.9                        | 22               |
| 51.35                         | 17.04                               | 76                                     | 6.3                        | Mittel<br>keskm. |

## August 1918 August.

| Datum<br>Kuupäew | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |      |      |      |      |      |      |      |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|------|------|------|------|------|------|------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  |
| 1                | 44.5                              | 44.7 | 44.8 | 45.3 | 45.6 | 45.9 | 46.7 | 46.9 | 15.5                        | 15.0 | 14.6 | 16.5 | 18.2 | 17.7 | 15.4 | 13.8 |
| 2                | 47.1                              | 47.0 | 47.6 | 48.3 | 49.1 | 49.2 | 50.1 | 50.9 | 13.2                        | 13.7 | 14.2 | 15.3 | 16.6 | 18.1 | 15.6 | 14.0 |
| 3                | 51.1                              | 51.7 | 52.4 | 53.0 | 53.6 | 53.7 | 54.0 | 55.0 | 13.7                        | 14.2 | 14.4 | 16.1 | 17.8 | 17.9 | 16.6 | 14.1 |
| 4                | 55.0                              | 55.0 | 55.0 | 54.9 | 54.5 | 54.3 | 53.7 | 53.6 | 13.0                        | 11.9 | 12.7 | 14.2 | 16.4 | 17.3 | 17.1 | 14.9 |
| 5                | 53.4                              | 52.8 | 52.6 | 52.1 | 51.7 | 51.0 | 50.6 | 50.0 | 14.9                        | 14.4 | 14.7 | 16.6 | 16.5 | 16.8 | 16.0 | 13.7 |
| 6                | 49.8                              | 49.5 | 49.2 | 48.8 | 48.3 | 48.0 | 48.3 | 48.9 | 12.9                        | 11.3 | 14.6 | 17.5 | 20.4 | 19.5 | 18.5 | 15.2 |
| 7                | 49.1                              | 49.9 | 50.4 | 51.1 | 51.3 | 52.0 | 52.8 | 54.0 | 11.1                        | 10.3 | 13.8 | 17.1 | 20.1 | 19.3 | 18.0 | 14.9 |
| 8                | 55.1                              | 55.9 | 56.9 | 57.2 | 57.6 | 57.5 | 57.8 | 58.3 | 12.2                        | 10.0 | 13.8 | 17.4 | 18.4 | 20.5 | 17.2 | 13.1 |
| 9                | 58.5                              | 58.1 | 57.9 | 58.0 | 57.7 | 57.4 | 57.4 | 57.5 | 10.9                        | 10.0 | 13.6 | 18.2 | 20.2 | 20.0 | 17.5 | 14.7 |
| 10               | 58.2                              | 58.4 | 58.4 | 58.7 | 58.8 | 58.6 | 58.3 | 58.5 | 12.1                        | 10.9 | 14.9 | 18.4 | 21.0 | 20.9 | 18.3 | 15.8 |
| 11               | 58.5                              | 58.1 | 57.6 | 57.1 | 56.0 | 55.1 | 55.2 | 55.5 | 14.0                        | 12.1 | 15.6 | 19.7 | 21.5 | 17.5 | 16.7 | 15.0 |
| 12               | 56.2                              | 56.7 | 57.1 | 57.3 | 57.7 | 56.9 | 56.4 | 56.2 | 14.0                        | 12.2 | 11.6 | 14.8 | 17.2 | 18.0 | 15.7 | 12.8 |
| 13               | 56.1                              | 55.8 | 55.5 | 55.0 | 54.8 | 54.0 | 54.1 | 54.6 | 10.7                        | 9.7  | 12.0 | 16.6 | 18.6 | 20.2 | 17.7 | 13.8 |
| 14               | 54.6                              | 54.4 | 54.2 | 54.1 | 53.3 | 52.2 | 51.7 | 50.9 | 10.9                        | 9.2  | 13.0 | 17.7 | 20.9 | 19.7 | 16.4 | 15.4 |
| 15               | 50.0                              | 49.3 | 48.6 | 48.6 | 48.4 | 47.8 | 47.5 | 46.6 | 15.1                        | 13.9 | 15.0 | 16.5 | 17.8 | 16.5 | 15.8 | 14.6 |
| 16               | 46.0                              | 44.8 | 44.3 | 44.1 | 44.8 | 44.8 | 45.0 | 45.0 | 13.5                        | 12.4 | 15.6 | 16.2 | 16.1 | 18.0 | 14.2 | 11.6 |
| 17               | 45.0                              | 45.1 | 45.8 | 45.9 | 46.2 | 46.3 | 46.3 | 46.3 | 12.4                        | 13.3 | 14.6 | 15.4 | 14.4 | 14.8 | 13.5 | 11.9 |
| 18               | 46.2                              | 45.6 | 45.5 | 45.4 | 45.0 | 44.7 | 44.6 | 44.5 | 10.4                        | 10.7 | 11.3 | 12.8 | 15.0 | 16.0 | 13.8 | 11.8 |
| 19               | 44.3                              | 43.8 | 43.8 | 43.8 | 43.7 | 44.0 | 44.2 | 45.0 | 10.7                        | 9.0  | 10.2 | 13.1 | 14.2 | 13.8 | 12.2 | 8.8  |
| 20               | 45.1                              | 45.4 | 46.2 | 47.2 | 48.4 | 49.5 | 51.0 | 52.0 | 6.3                         | 5.6  | 8.2  | 12.7 | 13.5 | 13.8 | 12.7 | 10.0 |
| 21               | 52.5                              | 53.2 | 53.3 | 53.0 | 52.0 | 50.1 | 48.9 | 47.6 | 7.7                         | 6.7  | 10.5 | 15.3 | 16.0 | 15.3 | 13.0 | 11.6 |
| 22               | 47.2                              | 47.5 | 48.3 | 49.8 | 50.4 | 50.9 | 51.0 | 51.0 | 11.5                        | 12.0 | 12.4 | 15.0 | 17.4 | 18.3 | 15.7 | 12.2 |
| 23               | 50.3                              | 49.2 | 48.4 | 47.7 | 44.9 | 41.6 | 38.4 | 39.2 | 10.9                        | 12.0 | 13.0 | 15.6 | 18.6 | 20.0 | 22.0 | 16.0 |
| 24               | 39.2                              | 39.6 | 40.7 | 43.3 | 45.8 | 46.9 | 48.9 | 50.0 | 14.6                        | 14.0 | 13.7 | 13.9 | 15.3 | 16.4 | 13.8 | 10.5 |
| 25               | 51.0                              | 51.4 | 51.9 | 51.5 | 51.3 | 50.7 | 50.4 | 50.3 | 8.3                         | 6.9  | 9.0  | 13.1 | 15.8 | 16.6 | 13.1 | 8.7  |
| 26               | 50.0                              | 49.7 | 49.6 | 50.1 | 50.5 | 51.0 | 52.0 | 52.7 | 8.8                         | 8.0  | 9.8  | 12.5 | 13.4 | 13.2 | 11.5 | 9.3  |
| 27               | 53.0                              | 53.4 | 53.7 | 54.4 | 54.4 | 54.1 | 54.2 | 54.4 | 7.3                         | 6.8  | 8.4  | 9.3  | 15.0 | 17.6 | 14.0 | 10.3 |
| 28               | 54.4                              | 54.3 | 54.6 | 54.5 | 54.3 | 54.7 | 54.6 | 54.7 | 8.7                         | 6.1  | 7.3  | 10.4 | 13.4 | 11.9 | 11.5 | 9.2  |
| 29               | 54.9                              | 55.0 | 55.1 | 54.9 | 54.5 | 54.2 | 53.9 | 53.7 | 8.4                         | 7.4  | 8.0  | 12.0 | 15.6 | 12.0 | 12.9 | 11.1 |
| 30               | 53.6                              | 53.2 | 53.4 | 53.7 | 53.7 | 53.4 | 53.9 | 54.4 | 9.8                         | 9.0  | 8.3  | 11.3 | 14.1 | 15.0 | 13.0 | 10.2 |
| 31               | 54.6                              | 54.3 | 54.3 | 54.0 | 53.4 | 52.3 | 51.9 | 51.2 | 7.0                         | 6.8  | 7.7  | 13.0 | 15.0 | 14.6 | 12.3 | 10.5 |

## Ergänzende Beobachtungen um 21h.

|                | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Luftdruck      | 46.9 | 50.7 | 54.7 | 53.7 | 50.2 | 48.8 | 53.7 | 58.1 | 57.5 | 58.5 | 55.4 | 56.3 | 54.5 | 51.1 | 47.2 |
| õhurõhumine    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Temperatur     | 14.0 | 14.2 | 15.0 | 15.0 | 14.6 | 16.2 | 16.2 | 14.4 | 15.6 | 17.0 | 15.2 | 13.0 | 14.6 | 15.7 | 14.6 |
| temperatuur    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Relat. Feucht. | 96   | 92   | 88   | 90   | 88   | 70   | 82   | 77   | 73   | 70   | 88   | 69   | 70   | 91   | 94   |
| relat. niiskus |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Bewölkung      | 10   | 10   | 10   | 10   | 8    | 0    | 5    | 0    | 0    | 2    | 9    | 1    | 7    | 10   | 7    |
| pilwitus       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Temperatur     | 19.0 | 18.3 | 18.9 | 18.1 | 17.8 | 20.7 | 21.0 | 20.6 | 23.6 | 23.7 | 22.9 | 18.5 | 21.0 | 22.0 | 19.8 |
| max.           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| min.           | 14.0 | 13.2 | 13.6 | 11.6 | 14.0 | 10.8 | 9.7  | 9.9  | 9.7  | 10.6 | 11.9 | 11.1 | 9.3  | 8.7  | 13.2 |



## August 1918 August.

| Datum<br>Kuupäew. | Relative Feuchtigkeith<br>relatiivne niiskus |    |     |     |     |     |     |     | Absolute Feuchtigkeith<br>absoluutne niiskus |      |      | Kompletive Feuchtigkeith<br>täisniiskuse puudus |      |     | Feuchtes Thermometer<br>mürg termomeeter |      |      |
|-------------------|--|----|-----|-----|-----|-----|-----|-----|--|------|------|---|------|-----|--|------|------|
|                   | 1h   | 4h | 7h  | 10h | 13h | 16h | 19h | 22h | 7h   | 13h  | 21h  | 7h  | 13h  | 21h | 7h                                       | 13h  | 21h  |
| 1                 | 96   | 97 | 98  | 94  | 82  | 82  | 90  | 97  | 12.1   | 12.7 | 11.4 | 0.3   | 2.8  | 0.5 | 14.4                                     | 16.2 | 13.6 |
| 2                 | 98   | 98 | 98  | 94  | 86  | 77  | 88  | 93  | 11.8   | 12.1 | 11.0 | 0.3   | 1.9  | 1.0 | 14.0                                     | 15.2 | 13.4 |
| 3                 | 96   | 97 | 97  | 88  | 81  | 79  | 85  | 91  | 11.7   | 12.2 | 11.1 | 0.5   | 2.9  | 1.5 | 14.0                                     | 15.7 | 13.8 |
| 4                 | 95   | 98 | 92  | 86  | 77  | 73  | 80  | 90  | 10.1   | 10.7 | 11.4 | 0.8   | 3.2  | 1.3 | 12.0                                     | 14.0 | 14.0 |
| 5                 | 94   | 96 | 93  | 75  | 71  | 67  | 68  | 94  | 11.5   | 9.9  | 10.8 | 0.9   | 4.1  | 1.5 | 14.0                                     | 13.4 | 13.4 |
| 6                 | 96   | 98 | 82  | 58  | 48  | 51  | 52  | 76  | 10.1   | 8.5  | 9.6  | 2.3   | 9.3  | 4.1 | 12.8                                     | 13.8 | 13.0 |
| 7                 | 90   | 97 | 94  | 82  | 49  | 53  | 68  | 87  | 11.0   | 8.6  | 11.2 | 0.8   | 8.9  | 2.5 | 13.2                                     | 13.8 | 14.3 |
| 8                 | 93   | 99 | 81  | 56  | 54  | 56  | 60  | 81  | 9.5  | 8.4  | 9.4  | 2.2   | 7.3  | 2.8 | 12.0                                     | 13.0 | 12.1 |
| 9                 | 93   | 98 | 85  | 63  | 55  | 48  | 64  | 77  | 9.9  | 9.7  | 9.6  | 1.7   | 7.9  | 2.8 | 12.2                                     | 14.7 | 12.8 |
| 10                | 90   | 97 | 82  | 60  | 50  | 48  | 54  | 73  | 10.3   | 9.3  | 10.1 | 2.3   | 9.2  | 4.3 | 13.1                                     | 14.7 | 13.8 |
| 11                | 83   | 86 | 77  | 56  | 48  | 74  | 76  | 89  | 10.1   | 9.2  | 11.3 | 3.1   | 9.9  | 1.6 | 13.2                                     | 14.8 | 14.0 |
| 12                | 92   | 91 | 80  | 55  | 43  | 46  | 53  | 68  | 8.1  | 6.2  | 7.6  | 2.0   | 8.4  | 3.5 | 9.8                                      | 10.6 | 10.0 |
| 13                | 77   | 91 | 76  | 54  | 43  | 42  | 55  | 73  | 7.9  | 6.9  | 8.7  | 2.5   | 9.0  | 3.7 | 9.8                                      | 11.8 | 11.6 |
| 14                | 91   | 96 | 80  | 54  | 43  | 46  | 90  | 94  | 8.9  | 8.0  | 12.1 | 2.3   | 10.4 | 1.2 | 11.1                                     | 13.6 | 14.8 |
| 15                | 94   | 94 | 91  | 70  | 69  | 83  | 82  | 95  | 11.5   | 10.5 | 11.6 | 1.2   | 4.6  | 0.8 | 14.1                                     | 14.4 | 14.0 |
| 16                | 95   | 94 | 91  | 70  | 78  | 56  | 75  | 91  | 12.0   | 10.6 | 9.6  | 1.2   | 3.0  | 1.1 | 14.7                                     | 13.8 | 11.5 |
| 17                | 90   | 92 | 83  | 71  | 91  | 80  | 87  | 95  | 10.2   | 11.1 | 9.9  | 2.1   | 1.1  | 0.7 | 12.9                                     | 13.5 | 11.6 |
| 18                | 96   | 99 | 93  | 84  | 69  | 69  | 77  | 93  | 9.3  | 8.7  | 9.1  | 0.7   | 4.0  | 1.6 | 10.7                                     | 11.8 | 11.0 |
| 19                | 97   | 99 | 91  | 70  | 62  | 63  | 71  | 89  | 8.4  | 7.5  | 7.8  | 0.9   | 4.6  | 1.3 | 9.4                                      | 10.4 | 8.8  |
| 20                | 94   | 94 | 97  | 78  | 76  | 82  | 89  | 96  | 7.9  | 8.8  | 9.2  | 0.2   | 2.7  | 0.4 | 8.0                                      | 11.2 | 10.4 |
| 21                | 97   | 97 | 88  | 58  | 59  | 61  | 92  | 95  | 8.3  | 8.0  | 9.8  | 1.1   | 5.5  | 0.5 | 9.5                                      | 11.6 | 11.4 |
| 22                | 96   | 97 | 91  | 56  | 50  | 52  | 60  | 85  | 9.8  | 7.4  | 8.5  | 0.9   | 7.4  | 2.3 | 11.6                                     | 11.7 | 10.6 |
| 23                | 91   | 93 | 92  | 78  | 77  | 71  | 75  | 68  | 10.3   | 12.2 | 9.0  | 0.8   | 3.7  | 5.2 | 12.3                                     | 16.0 | 12.8 |
| 24                | 67   | 60 | 53  | 59  | 52  | 51  | 63  | 80  | 6.2  | 6.7  | 7.4  | 5.4   | 6.2  | 2.3 | 9.0                                      | 10.2 | 8.9  |
| 25                | 93   | 95 | 93  | 69  | 66  | 64  | 79  | 93  | 7.9  | 8.8  | 7.7  | 0.6   | 4.6  | 1.1 | 8.4                                      | 12.2 | 8.4  |
| 26                | 97   | 98 | 94  | 94  | 77  | 63  | 74  | 90  | 8.5  | 8.8  | 8.2  | 0.6   | 2.6  | 1.0 | 9.3                                      | 11.2 | 9.1  |
| 27                | 98   | 99 | 100 | 99  | 81  | 50  | 74  | 86  | 8.2  | 10.3 | 8.7  | 0.0   | 2.4  | 1.4 | 8.4                                      | 13.1 | 10.2 |
| 28                | 82   | 91 | 99  | 91  | 73  | 79  | 82  | 89  | 7.5  | 8.3  | 7.9  | 0.1   | 3.1  | 1.1 | 7.2                                      | 10.8 | 8.7  |
| 29                | 91   | 94 | 99  | 83  | 62  | 92  | 86  | 92  | 7.9  | 8.2  | 9.1  | 0.1   | 5.0  | 1.2 | 7.9                                      | 11.6 | 10.7 |
| 30                | 95   | 97 | 99  | 88  | 69  | 50  | 72  | 82  | 8.0  | 8.2  | 7.7  | 0.1   | 3.7  | 2.1 | 8.2                                      | 11.0 | 9.2  |
| 31                | 90   | 96 | 91  | 70  | 63  | 64  | 73  | 80  | 7.1  | 8.0  | 7.6  | 0.7   | 4.7  | 1.9 | 7.0                                      | 11.2 | 8.9  |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 45.0 | 46.4 | 44.5 | 44.7 | 51.5 | 48.0 | 51.0 | 39.2 | 49.6 | 50.5 | 52.4 | 54.3 | 54.6 | 53.8 | 54.4 | 51.5 | 51.25            |
| 12.4 | 12.2 | 12.4 | 10.0 | 10.8 | 11.8 | 12.6 | 16.8 | 11.0 | 9.4  | 10.0 | 11.4 | 9.7  | 11.7 | 11.1 | 10.6 | 13.20            |
| 90   | 93   | 85   | 86   | 95   | 95   | 79   | 64   | 76   | 88   | 89   | 86   | 88   | 89   | 78   | 80   | 84               |
| 3    | 8    | 9    | 1    | 2    | 10   | 10   | 1    | 1    | 7    | 3    | 3    | 1    | 9    | 7    | 1    | 5.3              |
| 18.6 | 18.5 | 16.5 | 16.5 | 17.1 | 17.1 | 18.4 | 22.0 | 17.0 | 16.5 | 16.0 | 17.7 | 14.2 | 18.8 | 16.2 | 17.4 | 18.84            |
| 12.4 | 11.6 | 10.4 | 7.6  | 4.8  | 6.5  | 11.5 | 11.1 | 10.6 | 6.7  | 7.7  | 6.5  | 5.7  | 7.0  | 8.2  | 5.7  | 9.85             |

| Dati<br>Kuupäev | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |      |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |  |  |  |  |
|-----------------|-------------------------------------|-----|-----|-----|------|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
|                 | m/sek.                              |     |     |     |      |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |  |  |  |  |
|                 | 1h                                  | 4h  | 7h  | 10h | 13h  | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |  |  |  |  |
| 1               | 4.5                                 | 3.8 | 3.0 | 3.6 | 3.6  | 3.4 | 3.0 | 2.4 | 2.4               | 2.9 | —   | —   | 2.1 | 2.4 | —   | —   | 2.1 | 1.6 | —   | —   |  |  |  |  |
| 2               | 2.1                                 | 1.9 | 2.1 | 2.5 | 2.4  | 2.4 | 2.9 | 2.4 | 1.9               | —   | —   | 0.5 | 1.3 | —   | —   | 0.5 | 1.7 | 0.4 | —   | 0.2 |  |  |  |  |
| 3               | 1.7                                 | 1.4 | 2.0 | 2.2 | 2.5  | 1.9 | 2.7 | 2.1 | 1.3               | 0.2 | —   | 0.4 | 1.1 | —   | —   | 0.4 | 1.7 | 0.1 | —   | 0.6 |  |  |  |  |
| 4               | 1.4                                 | 1.0 | 0.9 | 0.9 | 0.7  | 1.1 | 1.1 | 0.6 | 1.1               | 0.5 | —   | —   | 1.0 | 0.1 | —   | —   | 0.6 | 0.6 | —   | —   |  |  |  |  |
| 5               | 0.9                                 | 1.0 | 1.3 | 1.8 | 2.7  | 1.9 | 1.5 | 1.2 | —                 | 0.9 | 0.1 | —   | 0.4 | 0.7 | —   | —   | 0.1 | 1.2 | —   | —   |  |  |  |  |
| 6               | 1.1                                 | 1.6 | 2.2 | 2.5 | 2.4  | 2.6 | 1.3 | 1.2 | 0.9               | 0.1 | —   | 0.1 | 1.5 | —   | —   | 0.2 | 1.7 | 0.7 | —   | 0.2 |  |  |  |  |
| 7               | 1.8                                 | 2.4 | 2.2 | 2.3 | 2.1  | 2.6 | 1.5 | 1.8 | 0.1               | —   | —   | 1.8 | 0.5 | —   | —   | 2.3 | 1.6 | —   | —   | 1.3 |  |  |  |  |
| 8               | 1.8                                 | 1.1 | 1.9 | 2.4 | 2.4  | 2.3 | 1.7 | 1.2 | —                 | 1.6 | 0.6 | —   | —   | 1.0 | 0.4 | —   | —   | 1.5 | 0.8 | —   |  |  |  |  |
| 9               | 1.0                                 | 1.6 | 2.0 | 3.0 | 2.9  | 3.1 | 2.1 | 1.0 | —                 | 0.8 | 0.4 | —   | —   | 1.3 | 0.7 | —   | —   | 1.4 | 1.1 | —   |  |  |  |  |
| 10              | 1.0                                 | 1.0 | 1.2 | 2.4 | 2.5  | 1.4 | 1.0 | 1.3 | —                 | 1.0 | 0.1 | —   | —   | 1.1 | 0.1 | —   | —   | 1.0 | 0.3 | —   |  |  |  |  |
| 11              | 1.0                                 | 1.4 | 2.2 | 2.6 | 3.7  | 4.0 | 2.7 | 2.3 | —                 | 0.1 | 1.0 | —   | —   | —   | 0.7 | 1.0 | —   | —   | 0.4 | 2.1 |  |  |  |  |
| 12              | 3.0                                 | 2.7 | 3.6 | 5.0 | 3.9  | 3.3 | 2.0 | 1.9 | 2.4               | 1.0 | —   | 0.1 | 2.1 | 1.0 | —   | 0.1 | 2.6 | 1.6 | 0.1 | 0.1 |  |  |  |  |
| 13              | 2.1                                 | 2.1 | 2.0 | 2.5 | 2.5  | 1.6 | 0.9 | 0.8 | 0.9               | —   | —   | 1.6 | 1.5 | —   | —   | 1.1 | 0.8 | —   | 0.1 | 1.5 |  |  |  |  |
| 14              | 0.6                                 | 0.8 | 1.0 | 1.5 | 2.7  | 3.0 | 2.2 | 2.7 | —                 | —   | 0.3 | 0.3 | —   | —   | 0.2 | 0.8 | —   | —   | 0.1 | 1.0 |  |  |  |  |
| 15              | 3.3                                 | 3.0 | 3.6 | 4.2 | 3.5  | 2.7 | 4.1 | 4.9 | —                 | —   | 0.6 | 2.9 | —   | —   | 0.7 | 2.6 | 0.1 | —   | 0.7 | 3.3 |  |  |  |  |
| 16              | 4.6                                 | 4.5 | 5.2 | 6.3 | 7.3  | 7.8 | 5.7 | 5.4 | —                 | —   | 2.2 | 3.6 | —   | —   | 2.1 | 3.4 | —   | —   | 1.8 | 4.1 |  |  |  |  |
| 17              | 5.2                                 | 4.0 | 4.2 | 4.3 | 4.8  | 4.2 | 2.0 | 1.8 | —                 | —   | 2.2 | 4.2 | —   | —   | 0.8 | 3.7 | 0.3 | —   | 0.4 | 3.9 |  |  |  |  |
| 18              | 0.9                                 | 0.9 | 1.0 | 0.9 | 2.1  | 2.2 | 1.4 | 1.2 | —                 | —   | 0.1 | 0.9 | 0.2 | —   | —   | 0.8 | 0.9 | 0.3 | —   | —   |  |  |  |  |
| 19              | 1.6                                 | 1.3 | 1.3 | 1.9 | 2.7  | 3.6 | 2.1 | 2.1 | 0.8               | —   | —   | 1.1 | 0.9 | —   | —   | 0.9 | 0.4 | —   | —   | 1.1 |  |  |  |  |
| 20              | 2.7                                 | 2.6 | 2.4 | 2.9 | 2.4  | 1.6 | 1.8 | 2.1 | —                 | —   | 0.2 | 2.7 | 0.1 | —   | 0.1 | 2.6 | 0.3 | —   | —   | 2.3 |  |  |  |  |
| 21              | 2.1                                 | 2.5 | 2.4 | 2.8 | 2.7  | 2.3 | 2.5 | 2.7 | —                 | —   | —   | 2.2 | —   | —   | —   | 2.6 | —   | —   | 0.2 | 2.3 |  |  |  |  |
| 22              | 2.2                                 | 3.0 | 4.8 | 5.7 | 5.7  | 4.6 | 3.1 | 2.7 | —                 | —   | 1.3 | 1.3 | 0.1 | —   | 0.4 | 2.9 | 1.6 | —   | —   | 4.0 |  |  |  |  |
| 23              | 1.8                                 | 1.8 | 1.9 | 3.3 | 4.0  | 3.9 | 6.3 | 7.7 | —                 | —   | 0.5 | 1.7 | —   | —   | 0.9 | 1.4 | —   | —   | 1.2 | 1.1 |  |  |  |  |
| 24              | 8.3                                 | 8.7 | 8.7 | 8.7 | 10.0 | 9.6 | 5.4 | 4.2 | 0.2               | —   | 1.6 | 7.5 | 0.4 | —   | 1.1 | 8.0 | 0.6 | —   | 0.8 | 8.0 |  |  |  |  |
| 25              | 3.5                                 | 2.1 | 1.8 | 1.5 | 2.4  | 3.0 | 2.4 | 2.4 | 0.1               | —   | 0.3 | 3.4 | —   | —   | 0.1 | 2.1 | —   | —   | 0.3 | 1.7 |  |  |  |  |
| 26              | 2.9                                 | 2.0 | 2.3 | 2.2 | 2.7  | 2.4 | 1.7 | 2.0 | —                 | —   | 1.0 | 2.4 | —   | —   | 0.9 | 1.6 | —   | —   | 0.6 | 2.0 |  |  |  |  |
| 27              | 2.4                                 | 2.5 | 2.5 | 2.9 | 3.0  | 3.6 | 0.6 | 1.3 | —                 | —   | —   | 2.5 | —   | —   | 0.2 | 2.5 | 0.2 | —   | 0.1 | 2.5 |  |  |  |  |
| 28              | 2.4                                 | 2.3 | 2.3 | 2.4 | 2.6  | 1.8 | 0.6 | 1.2 | 1.0               | —   | —   | 1.8 | —   | —   | —   | 2.4 | 0.2 | —   | —   | 2.3 |  |  |  |  |
| 29              | 1.3                                 | 1.5 | 1.8 | 2.4 | 3.2  | 3.2 | 1.6 | 2.2 | —                 | —   | 0.2 | 1.3 | —   | —   | 0.1 | 1.4 | —   | —   | 0.3 | 1.8 |  |  |  |  |
| 30              | 2.0                                 | 2.2 | 2.2 | 2.2 | 2.7  | 2.4 | 0.8 | 0.7 | —                 | —   | 0.2 | 2.0 | —   | —   | 0.2 | 2.2 | 0.8 | —   | —   | 1.8 |  |  |  |  |
| 31              | 0.6                                 | 0.9 | 1.0 | 1.5 | 1.2  | 1.7 | 2.1 | 4.2 | 0.7               | —   | —   | —   | —   | 0.4 | 0.7 | —   | —   | 0.6 | 0.6 | —   |  |  |  |  |

T a g e s m i t t e l

|                                     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine            | 45.55 | 48.66 | 53.06 | 54.50 | 51.78 | 48.85 | 51.32 | 57.04 | 57.81 | 58.49 | 56.64 | 56.81 | 54.99 | 53.18 | 48.35 |
| Temperatuur<br>temperatuur          | 15.84 | 15.09 | 15.60 | 14.69 | 15.45 | 15.24 | 15.58 | 15.32 | 15.04 | 16.54 | 16.51 | 14.54 | 14.91 | 15.40 | 15.65 |
| Relat. Feucht.<br>relat. niiskus    | 92    | 92    | 89    | 86    | 82    | 70    | 78    | 72    | 73    | 69    | 74    | 66    | 64    | 74    | 85    |
| Absol. Feucht.<br>absol. niiskus    | 12.07 | 11.63 | 11.67 | 10.73 | 10.73 | 9.40  | 10.27 | 9.10  | 9.73  | 9.90  | 10.20 | 7.30  | 7.83  | 9.67  | 11.20 |
| Kompl. Feucht.<br>täisniisk. pindus | 1.20  | 1.07  | 1.63  | 1.77  | 2.17  | 5.23  | 4.07  | 4.10  | 4.13  | 5.27  | 4.87  | 4.63  | 5.07  | 4.63  | 2.20  |

## August 1918 August.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |      |
| 2.7                                  | 1.4 | —   | —   | 2.8 | 1.2 | —   | 0.2 | 2.7 | 1.1 | —   | 0.2 | 2.6 | 0.6 | —   | 0.2 | 2.2 | 0.2 | —   | 0.3 | 2.45            | 1.42 | —    | 0.11 |      |
| 1.4                                  | 1.3 | —   | 0.4 | 1.7 | 0.9 | —   | 0.3 | 2.1 | 0.4 | —   | 0.3 | 2.2 | 0.8 | —   | 0.3 | 2.0 | 0.1 | —   | 0.6 | 1.79            | 0.49 | —    | 0.39 |      |
| 1.9                                  | 0.6 | —   | 0.2 | 2.0 | 0.5 | —   | 0.3 | 1.7 | 0.1 | —   | 0.5 | 1.7 | 1.6 | —   | —   | 1.3 | 1.3 | —   | —   | 1.59            | 0.55 | —    | 0.30 |      |
| 0.7                                  | 0.4 | —   | 0.1 | 0.3 | 0.3 | 0.3 | —   | 0.3 | 1.0 | —   | —   | 0.1 | 1.1 | —   | —   | —   | 0.5 | 0.2 | —   | 0.51            | 0.56 | 0.06 | 0.01 |      |
| 0.2                                  | 1.7 | 0.3 | —   | 1.0 | 2.1 | —   | —   | 0.7 | 1.3 | —   | —   | 0.3 | 1.3 | —   | —   | 0.9 | 0.5 | —   | —   | 0.45            | 1.21 | 0.05 | —    |      |
| 1.9                                  | 0.9 | —   | 0.3 | 1.8 | 0.4 | —   | 0.9 | 1.5 | 1.7 | —   | —   | 0.9 | 0.8 | —   | —   | 1.1 | 0.1 | —   | 0.1 | 1.41            | 0.59 | —    | 0.22 |      |
| 1.6                                  | 0.8 | —   | 0.2 | 1.6 | 0.8 | 0.1 | 0.4 | 1.2 | 2.0 | —   | —   | 0.4 | 1.3 | —   | —   | 0.2 | 1.6 | 0.2 | 0.1 | 0.90            | 0.81 | 0.04 | 0.76 |      |
| 0.4                                  | 2.0 | 0.4 | —   | 0.3 | 2.0 | 0.5 | —   | —   | 2.0 | 0.6 | —   | —   | 1.6 | 0.3 | —   | —   | 1.1 | 0.2 | —   | 0.09            | 1.60 | 0.48 | —    |      |
| —                                    | 2.1 | 1.5 | —   | —   | 2.1 | 1.5 | —   | —   | 2.4 | 1.1 | —   | —   | 2.0 | 0.5 | —   | —   | 1.1 | 0.1 | —   | —               | 1.65 | 0.86 | —    |      |
| 0.2                                  | 2.0 | 0.3 | —   | 0.1 | 2.1 | 0.9 | —   | 0.2 | 1.2 | 0.3 | —   | —   | 0.9 | 0.3 | —   | —   | 1.0 | 0.5 | —   | 0.06            | 1.29 | 0.35 | —    |      |
| 0.7                                  | —   | 0.1 | 2.3 | 0.5 | —   | 0.4 | 3.3 | 1.6 | —   | 0.1 | 3.2 | 1.8 | —   | —   | 1.6 | 1.5 | —   | —   | 1.2 | 0.76            | 0.01 | 0.34 | 1.84 |      |
| 2.7                                  | 3.4 | —   | —   | 2.0 | 2.6 | —   | —   | 2.2 | 1.7 | —   | 0.1 | 1.7 | 0.4 | —   | 0.3 | 1.3 | —   | —   | 1.0 | 2.12            | 1.46 | 0.01 | 0.21 |      |
| 1.4                                  | —   | —   | 1.6 | 1.5 | —   | —   | 1.4 | 0.7 | 0.3 | —   | —   | 0.9 | —   | —   | 0.1 | —   | —   | 0.8 | 0.2 | —               | 0.85 | 0.25 | 0.05 | 1.01 |
| —                                    | —   | 1.1 | 0.7 | —   | 0.2 | 1.9 | 1.4 | —   | —   | 0.9 | 2.5 | 0.1 | —   | 0.2 | 2.1 | —   | —   | 0.9 | 2.3 | 0.01            | 0.02 | 0.70 | 1.39 |      |
| 0.3                                  | —   | 0.4 | 4.0 | 0.4 | —   | 0.2 | 3.2 | —   | —   | 0.8 | 2.2 | —   | —   | 1.0 | 3.5 | —   | —   | 2.2 | 3.7 | 0.10            | —    | 0.82 | 3.18 |      |
| 0.1                                  | —   | 2.2 | 5.2 | 0.2 | —   | 1.4 | 6.5 | 0.2 | —   | 1.5 | 7.2 | —   | —   | 2.3 | 4.7 | —   | —   | 2.4 | 4.1 | 0.06            | —    | 1.99 | 4.85 |      |
| 0.3                                  | —   | 0.8 | 4.0 | 0.1 | —   | 1.0 | 4.3 | 0.2 | —   | 0.6 | 3.9 | —   | —   | 0.4 | 1.8 | —   | —   | 0.6 | 1.5 | 0.11            | —    | 0.85 | 3.41 |      |
| 0.6                                  | 0.3 | —   | 0.1 | 1.6 | 0.3 | —   | 0.8 | 1.9 | 0.4 | —   | 0.5 | 1.0 | 0.7 | —   | —   | 0.9 | 0.2 | —   | 0.4 | 0.89            | 0.28 | 0.01 | 0.44 |      |
| 0.9                                  | —   | 0.1 | 1.4 | 0.8 | —   | 0.3 | 2.2 | 2.1 | —   | —   | 2.4 | 0.3 | —   | —   | 1.6 | 0.1 | —   | 0.1 | 2.0 | 0.79            | —    | 0.06 | 1.59 |      |
| 1.4                                  | —   | —   | 2.1 | 1.2 | 0.1 | 0.1 | 1.7 | 1.0 | —   | —   | 1.0 | 0.6 | 0.1 | —   | 1.5 | 0.2 | —   | —   | 2.0 | 0.60            | 0.02 | 0.05 | 1.99 |      |
| —                                    | —   | 0.9 | 2.3 | —   | —   | 1.7 | 1.6 | —   | —   | 2.0 | 0.6 | —   | 0.3 | 2.4 | 0.2 | —   | 0.3 | 2.5 | 0.2 | —               | 0.08 | 1.21 | 1.50 |      |
| 2.8                                  | —   | —   | 4.0 | 3.0 | —   | —   | 4.0 | 1.8 | —   | —   | 3.6 | 0.4 | —   | 0.1 | 2.9 | —   | —   | 0.3 | 2.6 | 1.21            | —    | 0.26 | 3.16 |      |
| —                                    | —   | 1.9 | 2.2 | —   | —   | 2.7 | 2.7 | —   | 0.2 | 3.2 | 1.1 | 0.2 | 0.2 | 2.7 | 4.7 | 0.2 | —   | 1.4 | 6.9 | 0.05            | 0.05 | 1.81 | 2.72 |      |
| 0.7                                  | —   | 0.6 | 8.2 | 1.5 | —   | 0.5 | 9.0 | 1.4 | —   | 0.5 | 8.7 | 0.7 | —   | 0.2 | 5.3 | 0.2 | —   | 0.2 | 4.1 | 0.71            | —    | 0.69 | 7.35 |      |
| 0.1                                  | —   | 0.8 | 0.9 | —   | —   | 1.1 | 1.8 | —   | —   | 1.4 | 2.3 | —   | —   | 1.6 | 1.5 | —   | —   | 1.8 | 1.3 | 0.02            | —    | 0.92 | 1.88 |      |
| 0.4                                  | —   | 0.2 | 2.0 | 1.9 | 0.2 | —   | 1.2 | 1.4 | —   | —   | 1.6 | 0.2 | —   | —   | 1.7 | 0.1 | —   | —   | 2.0 | 0.50            | 0.02 | 0.34 | 1.81 |      |
| 0.2                                  | —   | 0.2 | 2.8 | —   | —   | 1.2 | 2.4 | 0.1 | —   | 0.6 | 3.3 | 0.2 | —   | 0.2 | 0.2 | 0.4 | —   | —   | 1.1 | 0.14            | —    | 0.31 | 2.16 |      |
| 0.6                                  | —   | 0.1 | 2.0 | 0.7 | —   | 0.4 | 2.0 | 0.7 | —   | —   | 1.2 | 0.3 | —   | —   | 0.3 | —   | —   | 0.2 | 1.2 | 0.44            | —    | 0.09 | 1.65 |      |
| 0.2                                  | —   | 0.3 | 2.2 | 0.2 | —   | 0.4 | 2.9 | 1.1 | —   | 0.1 | 2.6 | —   | —   | 0.5 | 1.4 | —   | —   | 0.7 | 1.9 | 0.19            | —    | 0.32 | 1.94 |      |
| 1.4                                  | 0.1 | —   | 1.1 | 1.6 | 0.1 | —   | 1.6 | 1.5 | —   | —   | 1.5 | 0.2 | 0.7 | —   | —   | —   | 0.8 | —   | —   | 0.69            | 0.21 | 0.05 | 1.28 |      |
| —                                    | 1.0 | 0.8 | —   | —   | 0.8 | 0.8 | —   | —   | 1.2 | 1.0 | —   | —   | 1.6 | 1.1 | —   | —   | 3.3 | 1.7 | —   | 0.09            | 1.11 | 0.84 | —    |      |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | Mittel<br>keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| 44.85 | 45.86 | 45.19 | 44.08 | 48.10 | 51.32 | 49.51 | 44.96 | 44.30 | 51.06 | 50.70 | 53.95 | 54.51 | 54.52 | 53.66 | 53.25 | 51.19            |
| 14.70 | 13.79 | 12.72 | 11.50 | 10.35 | 12.01 | 14.31 | 16.01 | 14.02 | 11.44 | 10.81 | 11.09 | 9.81  | 10.92 | 11.34 | 10.86 | 13.83            |
| 81    | 86    | 85    | 80    | 88    | 81    | 73    | 81    | 61    | 82    | 86    | 86    | 86    | 87    | 82    | 78    | 80               |
| 10.73 | 10.40 | 9.03  | 7.90  | 8.63  | 8.70  | 8.57  | 10.50 | 6.77  | 8.13  | 8.50  | 9.07  | 7.90  | 8.40  | 7.97  | 7.57  | 9.36             |
| 1.77  | 1.30  | 2.10  | 2.27  | 1.10  | 2.37  | 3.53  | 3.23  | 4.63  | 2.10  | 1.40  | 1.27  | 1.43  | 2.10  | 1.97  | 2.43  | 2.81             |

## August 1918 August.

| Datum<br>Kuupäev | Bewölkung Pilwitus                                     |     |     |     |     |     |                 |            |                |           |            |           |           |  |
|------------------|--|-----|-----|-----|-----|-----|-----------------|------------|----------------|-----------|------------|-----------|-----------|--|
|                  | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |            |                |           |            |           |           |  |
|                  | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h        | 13h            | 16h       | 19h        | 21h       | . 22h     |  |
| 1                | 10   | 10  | 9   | 10  | 10  | 10  | St              | St         | Cu             | SCu       | St         | St        | St        |  |
| 2                | 10   | 10  | 10  | 10  | 10  | 10  | ≡               | St         | St             | SCu       | St         | St        | St        |  |
| 3                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St         | SCu            | St        | SCu, ACu   | SCu       | St        |  |
| 4                | 10   | 10  | 10  | 10  | 9   | 10  | St              | SCu        | SCu            | SCu       | ⊙ Ci, SCu  | SCu       | SCu       |  |
| 5                | 10   | 10  | 10  | 10  | 9   | 6   | St              | SCu        | SCu            | SCu       | SCu        | SCu, ACu  | SCu       |  |
| 6                | 1  | 4   | 5   | 7   | 0   | 0   | ⊙ SCu           | ⊙ Cu       | ⊙ Cu           | ⊙ Cu      | ⊙ —        | —         | —         |  |
| 7                | 0  | 3   | 3   | 8   | 8   | 3   | ⊙ —             | ⊙ Cu       | ⊙ Cu           | ACu, Cu   | ⊙ ACu, SCu | ACu, SCu  | ACu, SCu  |  |
| 8                | 1  | 9   | 3   | 2   | 0   | 0   | ⊙ CiS           | ⊙ Ci, FrCu | ⊙ FrCu         | ⊙ FrCu    | ⊙ —        | —         | —         |  |
| 9                | 2  | 5   | 5   | 2   | 0   | 0   | ⊙ Ci            | ⊙ FrCu     | ⊙ Cu           | ⊙ FrCu    | ⊙ —        | —         | —         |  |
| 10               | 0  | 3   | 4   | 1   | 2   | 2   | ⊙ —             | Cu         | ⊙ Cu           | ⊙ Cu      | ⊙ Ci       | Ci, ASt   | Ci, ASt   |  |
| 11               | 10   | 10  | 10  | 10  | 1   | 8   | ⊙ Ci            | ⊙ Ci, CiS  | CiCu, ACu      | CuNb      | ⊙ Cu, CiS  | ACu       | ACu       |  |
| 12               | 9  | 2   | 2   | 3   | 1   | 1   | SCu             | ⊙ FrCu, Ci | ⊙ FrCu         | ⊙ Cu      | ⊙ SCu      | SCu       | SCu       |  |
| 13               | 9  | 3   | 8   | 7   | 6   | 3   | SCu             | ⊙ Cu, ACu  | ⊙ Cu           | ⊙ Cu      | ACu, SCu   | ACu, SCu  | ACu       |  |
| 14               | 0  | 3   | 8   | 9   | 10  | 10  | ⊙ —             | ⊙ Cu       | ⊙ Cu, ACu      | ACu, Cu   | SCu        | SCu       | SCu       |  |
| 15               | 10   | 10  | 10  | 10  | 10  | 5   | SCu             | ASt, SCu   | SCu            | SCu       | St         | ACu, St   | ACu, St   |  |
| 16               | 9  | 9   | 9   | 8   | 9   | 1   | ⊙ Cu, CuNb      | ⊙ Nb       | Cu, FrNb       | ⊙ Cu, Ci  | St         | ⊙ SCu, Ci | SCu       |  |
| 17               | 9  | 10  | 10  | 10  | 8   | 9   | St, Ci          | Cu         | ASt, SCu       | CiS, SCu  | Ci, SCu    | CiCu, SCu | Ci, St    |  |
| 18               | 10   | 10  | 9   | 6   | 9   | 9   | St              | SCu        | Cu, Ci         | ⊙ Cu, ACu | ACu, SCu   | SCu       | ACu, SCu  |  |
| 19               | 1  | 10  | 9   | 9   | 2   | 1   | ⊙ SCu           | Cu, ACu    | Cu             | Cu        | ⊙ SCu      | SCu       | SCu       |  |
| 20               | 10   | 9   | 9   | 8   | 7   | 1   | SCu             | Cu         | ⊙ CuNb         | ⊙ Cu      | ACu        | ACu, St   | St        |  |
| 21               | 0  | 9   | 10  | 10  | 10  | 10  | ⊙ —             | ⊙ CiS      | ASt, FrCu      | SCu       | Nb         | ACu       | ACu, St   |  |
| 22               | 10   | 1   | 9   | 9   | 10  | 10  | SCu             | ⊙ Ci, FrCu | ⊙ CiCu, [FrCu] | ACu, FrCu | SCu        | ASt, St   | CiCu, SCu |  |
| 23               | 10   | 10  | 10  | 9   | 9   | 5   | SCu             | Cu, ACu    | SCu            | Cu        | CuNb, FrCu | SCu       | FrCu      |  |
| 24               | 10   | 10  | 3   | 3   | 1   | 9   | SCu             | SCu        | ⊙ Cu           | ⊙ FrCu    | ⊙ SCu      | SCu       | —         |  |
| 25               | 10   | 10  | 10  | 10  | 9   | 4   | St              | SCu, ACu   | Cu, SCu        | St, ACu   | St, CuNb   | SCu       | CuNb      |  |
| 26               | 10   | 8   | 6   | 9   | 9   | 1   | St, SCu         | ⊙ Cu       | ⊙ Cu           | Nb        | SCu, CuNb  | SCu       | SCu       |  |
| 27               | 10   | 10  | 5   | 1   | 3   | 4   | ≡               | St         | ⊙ Cu           | ⊙ Cu      | ⊙ Cu       | SCu, ACu  | ACu       |  |
| 28               | 10   | 8   | 10  | 9   | 9   | 1   | ≡               | ⊙ Cu       | SCu            | St, ACu   | SCu        | St        | St        |  |
| 29               | 10   | 8   | 5   | 9   | 9   | 2   | ≡               | Ci, CiCu   | ⊙ Cu           | SCu       | SCu        | SCu       | SCu, ACu  |  |
| 30               | 10   | 6   | 7   | 5   | 8   | 3   | ≡               | ⊙ Cu, ACu  | ⊙ Cu           | Cu        | ⊙ SCu      | SCu       | SCu       |  |
| 31               | 1  | 3   | 10  | 9   | 10  | 2   | CiS             | ⊙ FrCu, Ci | ⊙ CiS, Cu      | Cu        | CiS, ASt   | St        | ASt       |  |

## Stundenmittel Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |       |      |      |       |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|-------|------|------|-------|-------|---------------------------------|-----------------------------------|---|
|                  | N                            | E     | S    | W    | N—S   | E—W   |                                 |                                   |   |
| 1                | 0.45                         | 0.29  | 0.42 | 1.49 | 0.03  | —1.20 | 271                             | 1.20                              | 2.32                                    |
| 4                | 0.43                         | 0.26  | 0.34 | 1.53 | 0.09  | —1.27 | 274                             | 1.28                              | 2.25                                    |
| 7                | 0.59                         | 0.35  | 0.32 | 1.59 | 0.27  | —1.23 | 282                             | 1.26                              | 2.48                                    |
| 10               | 0.83                         | -0.58 | 0.42 | 1.62 | 0.41  | —1.04 | 292                             | 1.12                              | 2.95                                    |
| 13               | 0.93                         | 0.54  | 0.56 | 1.81 | 0.37  | —1.27 | 286                             | 1.32                              | 3.23                                    |
| 16               | 0.91                         | 0.55  | 0.47 | 1.66 | 0.44  | —1.11 | 292                             | 1.19                              | 3.07                                    |
| 19               | 0.51                         | 0.55  | 0.45 | 1.15 | 0.06  | —0.61 | 276                             | 0.61                              | 2.28                                    |
| 22               | 0.41                         | 0.42  | 0.53 | 1.31 | -0.12 | -0.89 | 262                             | 0.90                              | 2.31                                    |
| Mittel<br>keskm. | 0.63                         | 0.44  | 0.44 | 1.52 | 0.19  | -1.08 | 280                             | 1.10                              | 2.61                                    |

## August 1918 August.

| Datum<br>Kuupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d  |
|------------------|---------------------------------|--------|-------------------------------------|--|---|
|                  | 7h—21h                          | 21h—7h |                                     |  |   |
| 1                | —                               | 0.1    | 0.4                                 | 98   | ● <sup>0</sup> n; ≡n.   |
| 2                | —                               | —      | 0.4                                 | 93   | ≡a, n.  |
| 3                | —                               | 0.0    | 0.6                                 | 94   | ● <sup>0</sup> n.   |
| 4                | —                               | 0.0    | 0.6                                 | 94   | ● <sup>0</sup> n.   |
| 5                | —                               | —      | 0.9                                 | 94   | ⊖n.   |
| 6                | —                               | —      | 1.7                                 | 92   | ⊖n.   |
| 7                | —                               | —      | 1.3                                 | 91   | ⊖ <sup>2</sup> n.   |
| 8                | —                               | —      | 1.5                                 | 91   | ⊖n.   |
| 9                | —                               | —      | 2.2                                 | 89   | ⊖n.   |
| 10               | —                               | —      | 1.4                                 | 86   | ⊖ <sup>0</sup> n.   |
| 11               | 0.2                             | —      | 1.5                                 | 81   | ● 15 <sup>h</sup> 25 <sup>m</sup> —58 <sup>m</sup> .  |
| 12               | —                               | —      | 2.3                                 | 86   | ⊖ <sup>2</sup> n.   |
| 13               | —                               | —      | 1.4                                 | 78   | ⊖n.   |
| 14               | 0.0                             | 1.7    | 1.0                                 | 78   | ● <sup>0</sup> 17 <sup>h</sup> 45 <sup>m</sup> —18 <sup>h</sup> 40 <sup>m</sup> ; ●n.   |
| 15               | 0.3                             | 1.0    | 0.7                                 | 74   | ●12 <sup>h</sup> 8 <sup>m</sup> —13 <sup>h</sup> 30 <sup>m</sup> , 20 <sup>h</sup> 6 <sup>m</sup> —n.   |
| 16               | 3.2                             | —      | 1.7                                 | 68   | ●a.   |
| 17               | 5.3                             | 1.4    | 0.8                                 | 71   | ●12 <sup>h</sup> —12 <sup>h</sup> 57 <sup>m</sup> , p, n.   |
| 18               | —                               | —      | 0.8                                 | 74   | ⊖ <sup>2</sup> , ≡ <sup>0</sup> n.  |
| 19               | —                               | 1.7    | 1.2                                 | 73   | ●n.   |
| 20               | 6.2                             | —      | 0.5                                 | 72   | ⌒7 <sup>h</sup> ; ●a, p; ⊖n.  |
| 21               | 2.2                             | 0.2    | 1.5                                 | 68   | ⊕10 <sup>h</sup> —11 <sup>h</sup> 30 <sup>m</sup> ; ●17 <sup>h</sup> 40 <sup>m</sup> —n.  |
| 22               | —                               | —      | 2.1                                 | 69   | ⊖21 <sup>h</sup> 20 <sup>m</sup> .  |
| 23               | —                               | —      | 2.4                                 | 68   |   |
| 24               | —                               | —      | 2.8                                 | 43   | ⊖n.   |
| 25               | 3.2                             | 1.8    | 1.4                                 | 64   | ●19 <sup>h</sup> 30 <sup>m</sup> —n; ⌒22 <sup>h</sup> .   |
| 26               | 5.3                             | 0.0    | 0.4                                 | 64   | ●a; ● <sup>0</sup> p, n; ≡n.  |
| 27               | —                               | —      | 0.8                                 | 64   | ≡—9 <sup>h</sup> 30 <sup>m</sup> , n; ⌒17 <sup>h</sup> 23 <sup>m</sup> —30 <sup>m</sup> ; ⊖n.   |
| 28               | 1.9                             | —      | 0.6                                 | 63   | ≡—8 <sup>h</sup> 30 <sup>m</sup> , n; ●11 <sup>h</sup> 5 <sup>m</sup> —40 <sup>m</sup> , p; ⌒18 <sup>h</sup> 48 <sup>m</sup> —19 <sup>h</sup> . |
| 29               | 0.3                             | —      | 0.8                                 | 61   | ≡—8 <sup>h</sup> , n; ●15 <sup>h</sup> 38 <sup>m</sup> —16 <sup>h</sup> ; ⊖n.   |
| 30               | —                               | —      | 0.8                                 | 63   | ≡—8 <sup>h</sup> ; ⊖n.  |
| 31               | —                               | —      | 0.7                                 | 63   |   |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 51.11                         | 11.31                               | 92                                     | —                          | 1                |
| 51.06                         | 10.50                               | 94                                     | —                          | 4                |
| 51.20                         | 12.15                               | 89                                     | 7.2                        | 7                |
| 51.38                         | 14.97                               | 73                                     | 7.5                        | 10               |
| 51.35                         | 16.92                               | 65                                     | 7.7                        | 13               |
| 51.06                         | 17.01                               | 64                                     | 7.5                        | 16               |
| 51.09                         | 15.22                               | 74                                     | 6.7                        | 19               |
| 51.27                         | 12.56                               | 87                                     | 4.8                        | 22               |
| 51.19                         | 13.83                               | 80                                     | 6.9                        | Mittel<br>keskm. |

## September 1918 September.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |      |      |      |      |      |      |      |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|------|------|------|------|------|------|------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  |
| 1                | 50.5                              | 49.7 | 48.7 | 48.8 | 48.9 | 48.4 | 48.7 | 49.3 | 9.6                         | 8.5  | 9.1  | 10.9 | 13.9 | 15.6 | 14.8 | 14.2 |
| 2                | 49.6                              | 49.6 | 49.4 | 49.8 | 50.2 | 50.7 | 51.0 | 51.2 | 13.2                        | 12.0 | 12.3 | 16.1 | 16.0 | 16.0 | 14.3 | 12.4 |
| 3                | 51.2                              | 51.0 | 50.9 | 50.7 | 49.8 | 48.9 | 48.7 | 48.2 | 10.9                        | 9.0  | 11.2 | 14.7 | 17.9 | 18.2 | 14.2 | 10.2 |
| 4                | 47.9                              | 47.5 | 47.1 | 46.5 | 45.7 | 45.3 | 44.9 | 44.6 | 9.5                         | 8.4  | 10.0 | 14.2 | 15.5 | 14.0 | 12.1 | 10.3 |
| 5                | 43.6                              | 42.7 | 42.0 | 42.6 | 43.8 | 45.3 | 46.9 | 48.0 | 9.7                         | 9.2  | 9.3  | 10.2 | 12.6 | 11.5 | 9.9  | 7.0  |
| 6                | 48.3                              | 49.1 | 49.3 | 49.0 | 47.3 | 46.7 | 46.1 | 46.0 | 6.0                         | 5.2  | 9.0  | 13.7 | 15.6 | 13.9 | 12.4 | 10.3 |
| 7                | 45.7                              | 45.6 | 46.3 | 48.5 | 50.7 | 52.6 | 54.3 | 56.1 | 10.0                        | 9.0  | 10.0 | 11.3 | 11.5 | 12.0 | 9.2  | 5.6  |
| 8                | 57.3                              | 58.9 | 60.0 | 60.6 | 60.6 | 60.3 | 60.0 | 59.8 | 4.6                         | 4.3  | 4.6  | 10.2 | 13.5 | 15.8 | 11.9 | 7.3  |
| 9                | 59.4                              | 58.7 | 57.6 | 56.8 | 56.3 | 55.4 | 54.6 | 53.6 | 6.0                         | 5.5  | 5.8  | 13.0 | 15.8 | 15.0 | 12.5 | 12.0 |
| 10               | 52.2                              | 50.6 | 49.8 | 50.5 | 51.4 | 51.5 | 51.8 | 51.2 | 10.5                        | 9.5  | 10.0 | 11.1 | 15.0 | 16.0 | 13.7 | 10.8 |
| 11               | 50.6                              | 48.9 | 47.7 | 46.4 | 46.0 | 44.6 | 43.8 | 43.6 | 9.0                         | 8.6  | 11.2 | 12.2 | 14.0 | 15.3 | 11.6 | 10.7 |
| 12               | 43.4                              | 43.0 | 42.8 | 42.7 | 42.0 | 40.8 | 40.6 | 40.5 | 10.2                        | 9.8  | 9.8  | 11.0 | 13.0 | 12.2 | 11.2 | 9.3  |
| 13               | 40.2                              | 40.2 | 40.8 | 41.6 | 41.9 | 42.4 | 42.9 | 43.8 | 9.0                         | 9.5  | 9.6  | 12.4 | 14.6 | 13.1 | 10.5 | 8.0  |
| 14               | 44.2                              | 44.1 | 43.9 | 44.1 | 44.2 | 44.7 | 44.8 | 44.7 | 7.8                         | 7.6  | 8.7  | 10.0 | 12.2 | 14.6 | 11.1 | 8.8  |
| 15               | 44.7                              | 44.7 | 44.1 | 41.3 | 39.2 | 39.7 | 43.7 | 46.0 | 8.7                         | 7.8  | 7.4  | 7.2  | 5.2  | 5.7  | 5.3  | 5.4  |
| 16               | 47.3                              | 49.4 | 51.5 | 53.9 | 54.7 | 55.7 | 56.0 | 56.0 | 7.7                         | 7.8  | 8.3  | 10.5 | 12.4 | 11.6 | 9.4  | 8.7  |
| 17               | 55.7                              | 53.6 | 51.8 | 52.0 | 53.2 | 54.8 | 55.9 | 56.0 | 8.1                         | 7.7  | 7.3  | 8.0  | 9.0  | 9.4  | 8.5  | 7.0  |
| 18               | 55.8                              | 53.6 | 51.9 | 51.4 | 51.4 | 52.1 | 53.0 | 53.0 | 7.1                         | 7.0  | 7.2  | 7.9  | 10.0 | 13.0 | 12.9 | 12.3 |
| 19               | 53.0                              | 52.8 | 52.1 | 52.0 | 52.0 | 51.8 | 51.7 | 50.7 | 12.3                        | 12.3 | 12.0 | 14.0 | 15.8 | 15.3 | 14.0 | 12.9 |
| 20               | 49.6                              | 47.2 | 45.1 | 43.7 | 44.8 | 44.0 | 42.6 | 41.3 | 12.3                        | 12.7 | 14.4 | 14.0 | 12.0 | 12.7 | 11.0 | 10.6 |
| 21               | 41.3                              | 42.8 | 43.4 | 43.7 | 43.4 | 43.3 | 42.6 | 42.5 | 9.8                         | 8.9  | 9.0  | 10.8 | 12.9 | 12.0 | 8.8  | 8.9  |
| 22               | 43.0                              | 44.5 | 46.0 | 47.4 | 48.7 | 49.7 | 51.2 | 52.7 | 9.0                         | 8.0  | 8.0  | 11.0 | 13.9 | 14.6 | 9.5  | 6.5  |
| 23               | 53.5                              | 53.9 | 54.0 | 53.8 | 53.7 | 52.6 | 52.8 | 52.9 | 5.7                         | 4.5  | 4.2  | 11.0 | 15.5 | 15.3 | 11.6 | 9.8  |
| 24               | 53.1                              | 52.5 | 51.4 | 50.2 | 48.9 | 47.3 | 47.6 | 47.5 | 9.3                         | 8.3  | 8.1  | 12.2 | 15.7 | 16.6 | 14.2 | 13.3 |
| 25               | 48.2                              | 49.4 | 50.7 | 51.4 | 51.4 | 51.2 | 50.0 | 48.8 | 13.2                        | 11.9 | 10.4 | 11.4 | 14.8 | 14.1 | 11.4 | 9.3  |
| 26               | 46.8                              | 44.0 | 42.9 | 43.8 | 44.2 | 44.4 | 45.1 | 45.9 | 8.1                         | 10.7 | 10.6 | 10.6 | 8.8  | 12.3 | 8.8  | 8.3  |
| 27               | 46.0                              | 46.0 | 46.2 | 46.3 | 45.8 | 43.6 | 41.0 | 39.6 | 8.1                         | 7.6  | 7.7  | 10.4 | 10.8 | 10.2 | 10.0 | 10.4 |
| 28               | 42.7                              | 44.1 | 44.7 | 45.6 | 46.6 | 47.1 | 47.9 | 48.4 | 7.8                         | 7.0  | 7.6  | 9.3  | 11.7 | 11.0 | 7.7  | 6.8  |
| 29               | 48.3                              | 47.0 | 44.2 | 43.5 | 43.2 | 42.9 | 42.6 | 42.4 | 5.7                         | 4.9  | 6.9  | 9.8  | 10.5 | 9.9  | 8.4  | 7.4  |
| 30               | 42.4                              | 43.3 | 45.8 | 47.8 | 49.6 | 49.7 | 49.6 | 47.7 | 7.1                         | 7.7  | 8.0  | 9.0  | 11.0 | 9.6  | 7.8  | 7.3  |

## Ergänzende Beobachtungen um 21h.

|                                 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Luftdruck<br>õhurõhumine        | 49.1 | 51.2 | 48.4 | 44.8 | 47.8 | 46.0 | 55.7 | 59.8 | 54.1 | 51.6 | 43.6 | 40.5 | 43.5 | 44.8 | 45.4 |
| Temperatur<br>temperatuur       | 14.4 | 13.3 | 11.2 | 10.4 | 7.4  | 11.4 | 6.6  | 8.0  | 12.2 | 11.5 | 11.0 | 9.8  | 8.6  | 9.4  | 5.3  |
| Relat. Feucht<br>relat. niiskus | 96   | 93   | 80   | 91   | 82   | 80   | 84   | 77   | 72   | 85   | 99   | 90   | 98   | 90   | 93   |
| Bewölkung<br>pilwitus           | 10   | 9    | 7    | 4    | 1    | 10   | 0    | 0    | 10   | 4    | 10   | 2    | 1    | 3    | 1    |
| Tempe-<br>ratur { max           | 17.0 | 19.0 | 19.5 | 17.0 | 14.0 | 16.1 | 13.8 | 16.0 | 17.5 | 17.6 | 15.5 | 14.4 | 15.2 | 15.1 | 9.6  |
| { min.                          | 7.5  | 11.3 | 8.6  | 7.8  | 6.9  | 5.0  | 6.4  | 3.0  | 3.5  | 9.5  | 8.4  | 8.7  | 8.5  | 7.5  | 4.8  |

## September 1918 September.

| Datum<br>Kuupäev | Relative Feuchtigkeith<br>relatiivne niiskus |    |     |     |     |     |     |     | Absolute Feuchtigkeith<br>absoluutne niiskus |      |      | Kompletive Feuchtigkeith<br>täisniiskuse puudus |     |     | Feuchtes Thermometer<br>määrg termomeeter |      |      |
|------------------|--|----|-----|-----|-----|-----|-----|-----|--|------|------|---|-----|-----|---|------|------|
|                  | 1h   | 4h | 7h  | 10h | 13h | 16h | 19h | 22h | 7h   | 13h  | 21h  | 7h  | 13h | 21h | 7h  | 13h  | 21h  |
| 1                | 80   | 87 | 86  | 94  | 91  | 83  | 96  | 96  | 7.4  | 10.7 | 11.7 | 1.2   | 1.1 | 0.5 | 8.0                                       | 13.0 | 14.0 |
| 2                | 95   | 98 | 99  | 81  | 92  | 80  | 90  | 95  | 10.5   | 12.4 | 10.6 | 0.1   | 1.1 | 0.7 | 12.2                                      | 15.2 | 12.7 |
| 3                | 96   | 96 | 91  | 65  | 49  | 49  | 61  | 83  | 9.0  | 7.4  | 7.9  | 0.9   | 7.8 | 2.0 | 10.3                                      | 11.9 | 9.4  |
| 4                | 86   | 90 | 88  | 64  | 60  | 75  | 85  | 93  | 8.1  | 7.9  | 8.5  | 1.1   | 5.2 | 0.9 | 9.0                                       | 14.0 | 10.2 |
| 5                | 89   | 93 | 98  | 96  | 58  | 59  | 73  | 85  | 8.5  | 6.2  | 6.3  | 0.2   | 4.6 | 1.4 | 9.1                                       | 8.5  | 6.0  |
| 6                | 93   | 96 | 89  | 71  | 65  | 70  | 73  | 95  | 7.6  | 8.5  | 8.0  | 1.0   | 4.6 | 2.0 | 8.1                                       | 11.8 | 9.6  |
| 7                | 97   | 98 | 97  | 72  | 66  | 54  | 66  | 90  | 8.8  | 6.7  | 6.2  | 0.3   | 3.4 | 1.1 | 9.8                                       | 8.4  | 5.5  |
| 8                | 94   | 95 | 96  | 67  | 55  | 51  | 62  | 85  | 6.0  | 6.3  | 6.2  | 0.3   | 5.2 | 1.8 | 4.3                                       | 9.0  | 6.2  |
| 9                | 96   | 92 | 89  | 66  | 54  | 56  | 67  | 72  | 6.1  | 7.1  | 7.6  | 0.8   | 6.2 | 3.0 | 5.0                                       | 10.4 | 9.6  |
| 10               | 80   | 98 | 100 | 99  | 72  | 61  | 73  | 91  | 9.1  | 9.2  | 8.6  | 0.0   | 3.5 | 1.5 | 10.0                                      | 12.2 | 10.2 |
| 11               | 95   | 94 | 84  | 92  | 94  | 90  | 97  | 98  | 8.3  | 11.1 | 9.6  | 1.6   | 0.8 | 0.1 | 9.8                                       | 13.4 | 10.9 |
| 12               | 97   | 98 | 96  | 86  | 81  | 92  | 90  | 91  | 8.7  | 9.0  | 8.2  | 0.3   | 2.1 | 0.9 | 9.5                                       | 11.2 | 9.0  |
| 13               | 90   | 89 | 93  | 82  | 68  | 73  | 88  | 98  | 8.3  | 8.3  | 8.1  | 0.6   | 4.0 | 0.2 | 9.0                                       | 11.3 | 8.4  |
| 14               | 97   | 98 | 96  | 94  | 89  | 64  | 87  | 91  | 8.1  | 9.4  | 7.9  | 0.3   | 1.2 | 0.8 | 8.4                                       | 11.2 | 8.6  |
| 15               | 98   | 98 | 90  | 96  | 91  | 93  | 94  | 93  | 6.9  | 6.0  | 6.2  | 0.8   | 0.6 | 0.5 | 6.6                                       | 4.6  | 4.8  |
| 16               | 96   | 95 | 91  | 79  | 65  | 63  | 76  | 85  | 7.4  | 6.9  | 7.0  | 0.7   | 3.8 | 1.4 | 7.6                                       | 8.6  | 7.4  |
| 17               | 93   | 99 | 99  | 98  | 94  | 85  | 91  | 98  | 7.5  | 8.0  | 7.3  | 0.1   | 0.5 | 0.2 | 7.2                                       | 8.5  | 6.9  |
| 18               | 98   | 98 | 97  | 98  | 100 | 99  | 94  | 94  | 7.4  | 9.1  | 10.2 | 0.2   | 0.0 | 0.6 | 7.0                                       | 10.0 | 12.1 |
| 19               | 95   | 97 | 98  | 94  | 84  | 83  | 95  | 99  | 10.2   | 11.3 | 11.0 | 0.2   | 2.1 | 0.2 | 11.8                                      | 14.2 | 13.0 |
| 20               | 97   | 97 | 95  | 92  | 80  | 71  | 82  | 88  | 11.6   | 8.4  | 8.4  | 0.6   | 2.1 | 1.3 | 13.9                                      | 10.0 | 9.8  |
| 21               | 92   | 93 | 92  | 74  | 59  | 54  | 88  | 88  | 7.9  | 6.5  | 7.3  | 0.6   | 4.5 | 0.9 | 8.4                                       | 8.9  | 7.6  |
| 22               | 80   | 88 | 90  | 77  | 63  | 65  | 86  | 95  | 7.2  | 7.4  | 7.1  | 0.8   | 4.4 | 0.4 | 7.2                                       | 10.2 | 6.6  |
| 23               | 94   | 95 | 94  | 72  | 64  | 63  | 80  | 93  | 5.8  | 8.3  | 8.6  | 0.4   | 4.8 | 0.7 | 3.8                                       | 11.7 | 9.6  |
| 24               | 94   | 95 | 95  | 79  | 74  | 68  | 81  | 90  | 7.6  | 9.8  | 10.0 | 0.4   | 3.4 | 1.6 | 7.7                                       | 13.0 | 12.3 |
| 25               | 96   | 94 | 93  | 92  | 74  | 67  | 83  | 90  | 8.7  | 9.3  | 8.0  | 0.7   | 3.3 | 1.0 | 9.8                                       | 12.2 | 8.8  |
| 26               | 94   | 98 | 92  | 80  | 93  | 80  | 82  | 90  | 8.8  | 7.8  | 7.3  | 0.8   | 0.6 | 0.8 | 9.9                                       | 8.2  | 7.4  |
| 27               | 91   | 92 | 96  | 78  | 86  | 94  | 96  | 91  | 7.5  | 8.3  | 8.7  | 0.3   | 1.3 | 0.7 | 7.4                                       | 9.6  | 9.8  |
| 28               | 91   | 96 | 95  | 90  | 78  | 75  | 92  | 94  | 7.4  | 8.0  | 6.9  | 0.4   | 2.3 | 0.6 | 7.2                                       | 9.7  | 6.4  |
| 29               | 96   | 99 | 96  | 78  | 69  | 74  | 83  | 89  | 7.1  | 6.6  | 6.7  | 0.3   | 2.9 | 1.0 | 6.6                                       | 7.8  | 6.4  |
| 30               | 92   | 94 | 94  | 77  | 69  | 83  | 94  | 97  | 7.5  | 6.7  | 7.4  | 0.5   | 3.1 | 0.3 | 7.5                                       | 8.2  | 7.1  |

Täiendawad waatlused kell 21.

| 16          | 17         | 18          | 19           | 20           | 21          | 22          | 23          | 24          | 25          | 26          | 27          | 28          | 29          | 30          | Mittel<br>keskm. |
|-------------|------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|
| 56.0        | 56.0       | 53.0        | 51.0         | 41.6         | 42.5        | 52.6        | 52.9        | 47.6        | 49.2        | 45.5        | 40.1        | 48.2        | 42.6        | 49.5        | 48.49            |
| 8.7         | 7.1        | 12.6        | 13.2         | 11.0         | 8.5         | 7.0         | 10.2        | 13.6        | 9.7         | 8.2         | 10.4        | 7.0         | 7.4         | 7.4         | 9.75             |
| 83          | 98         | 94          | 98           | 86           | 89          | 94          | 93          | 87          | 89          | 90          | 93          | 92          | 87          | 97          | 89               |
| 10          | 9          | 10          | 10           | 10           | 10          | 1           | 3           | 7           | 1           | 2           | 10          | 0           | 1           | 10          | 5.5              |
| 13.4<br>4.8 | 9.6<br>7.0 | 13.2<br>6.7 | 17.2<br>11.6 | 15.5<br>10.5 | 14.0<br>7.7 | 15.0<br>6.6 | 17.5<br>2.7 | 19.4<br>6.9 | 16.9<br>9.3 | 12.5<br>8.0 | 11.2<br>6.9 | 13.1<br>5.5 | 12.0<br>4.0 | 12.7<br>7.0 | 15.02<br>7.09    |

| Datum<br>Kuupäev | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |
|------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |
|                  | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |
| 1                | 3.9                                 | 3.6 | 3.4 | 3.3 | 3.7 | 3.1 | 1.9 | 2.4 | —                 | 2.8 | 1.9 | —   | —   | 2.7 | 1.7 | —   | —   | 2.3 | 2.0 | —   |
| 2                | 1.8                                 | 1.7 | 2.4 | 3.2 | 3.4 | 2.7 | 1.4 | 1.0 | —                 | 0.7 | 1.6 | —   | —   | 0.5 | 1.5 | —   | —   | 1.0 | 1.9 | —   |
| 3                | 1.3                                 | 1.5 | 1.5 | 1.9 | 1.9 | 1.7 | 1.2 | 1.8 | —                 | —   | 0.6 | 1.0 | —   | —   | 0.6 | 1.2 | —   | —   | 1.1 | 0.8 |
| 4                | 1.5                                 | 1.5 | 2.2 | 3.5 | 4.2 | 3.8 | 3.4 | 3.9 | —                 | 0.2 | 1.2 | 0.4 | —   | 0.2 | 1.4 | 0.1 | —   | —   | 1.9 | 0.8 |
| 5                | 3.9                                 | 4.0 | 3.2 | 3.9 | 5.2 | 4.9 | 3.3 | 3.3 | —                 | —   | 1.8 | 3.0 | —   | —   | 1.8 | 3.1 | 0.3 | —   | —   | 3.1 |
| 6                | 3.2                                 | 3.1 | 4.4 | 5.1 | 6.4 | 6.4 | 5.9 | 4.6 | 0.3               | —   | 0.3 | 2.9 | —   | —   | 0.9 | 2.7 | —   | —   | 1.8 | 3.5 |
| 7                | 4.2                                 | 3.6 | 3.4 | 4.8 | 4.8 | 4.6 | 2.7 | 2.6 | —                 | —   | 1.7 | 3.3 | —   | —   | 1.4 | 3.0 | 0.4 | —   | —   | 3.3 |
| 8                | 3.0                                 | 2.8 | 2.1 | 1.9 | 2.1 | 1.7 | 1.3 | 1.8 | —                 | —   | 0.2 | 3.0 | —   | —   | —   | 2.9 | —   | —   | 0.1 | 2.1 |
| 9                | 1.9                                 | 2.4 | 3.0 | 4.2 | 5.2 | 4.4 | 4.3 | 4.3 | —                 | 1.2 | 1.2 | —   | —   | 1.8 | 1.3 | —   | —   | 2.3 | 1.4 | —   |
| 10               | 4.1                                 | 3.9 | 3.1 | 3.0 | 3.8 | 3.2 | 1.2 | 2.2 | —                 | 2.9 | 2.3 | —   | —   | 2.4 | 2.7 | —   | —   | 1.0 | 2.6 | —   |
| 11               | 2.2                                 | 2.9 | 4.3 | 4.1 | 3.6 | 3.0 | 1.8 | 2.3 | —                 | 0.8 | 1.9 | —   | —   | 1.7 | 2.0 | —   | —   | 2.5 | 3.1 | —   |
| 12               | 2.7                                 | 2.8 | 2.4 | 2.4 | 3.3 | 3.1 | 2.2 | 2.7 | —                 | —   | 1.1 | 2.1 | —   | —   | 0.8 | 2.5 | —   | —   | 1.3 | 1.7 |
| 13               | 3.5                                 | 4.2 | 5.2 | 5.1 | 4.6 | 3.6 | 2.7 | 3.3 | —                 | 0.2 | 2.8 | 1.2 | —   | —   | 3.1 | 2.2 | —   | —   | 3.5 | 3.3 |
| 14               | 3.5                                 | 3.1 | 3.0 | 3.5 | 4.6 | 5.0 | 2.2 | 3.6 | —                 | —   | 1.7 | 2.6 | —   | —   | 1.9 | 1.9 | —   | —   | 2.4 | 1.3 |
| 15               | 4.5                                 | 4.1 | 3.9 | 3.6 | 4.9 | 5.7 | 5.1 | 4.4 | —                 | —   | 1.7 | 3.7 | —   | —   | 1.8 | 3.2 | —   | —   | 2.3 | 2.6 |
| 16               | 5.0                                 | 5.0 | 5.1 | 6.0 | 6.0 | 4.0 | 3.0 | 2.3 | —                 | —   | 0.2 | 4.9 | —   | —   | 0.2 | 5.0 | 0.1 | —   | 0.2 | 5.1 |
| 17               | 1.7                                 | 2.0 | 2.4 | 2.1 | 2.4 | 2.6 | 1.4 | 1.8 | —                 | 0.5 | 1.0 | 0.9 | —   | 1.5 | 0.8 | —   | —   | 2.3 | 0.3 | —   |
| 18               | 3.6                                 | 5.4 | 4.9 | 3.4 | 0.9 | 3.0 | 3.8 | 3.0 | —                 | 3.1 | 1.1 | —   | —   | 4.6 | 1.6 | —   | —   | 4.0 | 1.9 | —   |
| 19               | 2.4                                 | 1.7 | 1.4 | 2.4 | 2.5 | 1.3 | 1.3 | 1.5 | —                 | —   | 0.7 | 2.1 | —   | —   | 0.6 | 1.4 | —   | —   | 0.7 | 1.0 |
| 20               | 2.1                                 | 2.7 | 2.7 | 5.6 | 5.5 | 5.7 | 5.1 | 7.3 | —                 | 0.5 | 2.0 | —   | —   | 0.5 | 2.5 | 0.1 | —   | —   | 2.1 | 1.2 |
| 21               | 6.5                                 | 5.0 | 5.2 | 7.8 | 8.4 | 7.5 | 6.0 | 6.1 | 0.2               | —   | 1.0 | 6.0 | —   | —   | 1.6 | 4.3 | —   | —   | 1.7 | 4.3 |
| 22               | 5.1                                 | 4.5 | 4.8 | 6.0 | 6.0 | 4.8 | 2.6 | 2.5 | —                 | —   | 1.3 | 4.5 | —   | —   | 1.7 | 3.7 | 0.1 | —   | 1.0 | 4.4 |
| 23               | 2.7                                 | 1.7 | 2.5 | 3.8 | 4.7 | 4.7 | 3.4 | 3.3 | 0.4               | —   | 0.9 | 2.0 | —   | —   | 1.7 | 0.2 | —   | 0.7 | 2.0 | —   |
| 24               | 2.9                                 | 2.9 | 3.7 | 4.8 | 5.1 | 5.1 | 2.9 | 1.9 | —                 | 1.0 | 2.3 | —   | —   | 1.4 | 2.2 | —   | —   | 2.2 | 2.2 | —   |
| 25               | 3.3                                 | 3.7 | 3.1 | 3.7 | 4.4 | 3.0 | 1.9 | 2.7 | —                 | —   | 0.4 | 3.2 | 0.2 | —   | 0.1 | 3.6 | —   | —   | 0.6 | 2.9 |
| 26               | 3.1                                 | 3.4 | 6.3 | 6.3 | 5.7 | 6.8 | 5.4 | 5.4 | —                 | 0.2 | 3.1 | —   | —   | 0.1 | 2.9 | 1.1 | —   | —   | 1.9 | 5.4 |
| 27               | 4.8                                 | 4.8 | 4.6 | 5.4 | 4.2 | 3.2 | 3.9 | 4.9 | —                 | —   | 1.9 | 3.9 | —   | —   | 2.2 | 3.7 | —   | —   | 2.3 | 3.5 |
| 28               | 5.0                                 | 3.3 | 4.0 | 4.0 | 5.2 | 4.2 | 2.4 | 2.9 | 0.5               | —   | 0.8 | 4.4 | —   | —   | 1.2 | 2.8 | —   | —   | 2.2 | 2.8 |
| 29               | 2.4                                 | 3.1 | 4.2 | 5.5 | 6.9 | 6.3 | 6.5 | 6.2 | —                 | —   | 2.4 | 0.1 | —   | 0.7 | 2.8 | —   | —   | 0.6 | 3.9 | 0.3 |
| 30               | 7.1                                 | 5.4 | 4.1 | 3.6 | 3.7 | 1.5 | 1.5 | 2.9 | —                 | —   | 3.8 | 5.2 | —   | —   | 1.8 | 4.5 | —   | —   | 0.8 | 3.7 |

T a g e s m i t t e l

|                                     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine            | 49.12 | 50.19 | 49.92 | 46.19 | 44.36 | 47.72 | 49.98 | 59.69 | 56.55 | 51.12 | 46.45 | 41.98 | 41.72 | 44.34 | 42.92 |
| Temperatuur<br>temperatuur          | 12.08 | 14.04 | 13.29 | 11.75 | 9.92  | 10.76 | 9.82  | 9.02  | 10.70 | 12.08 | 11.58 | 10.81 | 10.84 | 10.10 | 6.59  |
| Relat. Feucht.<br>relat. niiskus    | 89    | 91    | 74    | 80    | 81    | 82    | 80    | 76    | 74    | 84    | 93    | 91    | 85    | 90    | 94    |
| Absol. Feucht.<br>absol. niiskus    | 9.93  | 11.17 | 8.10  | 8.17  | 7.00  | 8.03  | 7.23  | 6.17  | 6.93  | 8.97  | 9.67  | 8.63  | 8.23  | 8.47  | 6.37  |
| Kompl. Feucht.<br>täielisik. puudus | 0.93  | 0.63  | 3.57  | 2.40  | 2.07  | 2.53  | 1.60  | 2.43  | 3.33  | 1.67  | 0.83  | 1.10  | 1.60  | 0.77  | 0.63  |



## September 1918 September.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W    |
| —                                    | 2.3 | 1.6 | —   | —   | 2.3 | 2.5 | —   | —   | 1.9 | 2.1 | —   | —   | 1.0 | 1.4 | —   | —   | 0.9 | 1.9 | —    |
| —                                    | 0.3 | 2.9 | 0.3 | —   | —   | 2.4 | 2.0 | —   | —   | 1.7 | 1.8 | —   | —   | 0.6 | 1.1 | —   | —   | 0.5 | 0.8  |
| —                                    | —   | 0.9 | 1.4 | —   | 0.2 | 1.6 | 0.5 | —   | —   | 1.4 | 0.5 | —   | 0.4 | 1.0 | 0.1 | —   | 0.4 | 1.6 | 0.1  |
| —                                    | 0.1 | 2.7 | 1.5 | —   | 0.2 | 2.8 | 2.6 | —   | —   | 2.5 | 2.4 | —   | —   | 1.9 | 2.5 | —   | —   | 1.7 | 3.0  |
| 0.5                                  | —   | —   | 3.7 | 2.1 | —   | —   | 4.2 | 1.7 | —   | —   | 4.0 | 0.2 | —   | —   | 3.3 | 0.3 | —   | 0.3 | 3.1  |
| —                                    | —   | 2.9 | 3.7 | —   | —   | 3.2 | 4.7 | —   | —   | 3.2 | 5.5 | 0.1 | —   | 1.7 | 5.1 | —   | —   | 1.7 | 3.8  |
| 2.0                                  | —   | 0.1 | 3.8 | 2.1 | —   | —   | 3.7 | 2.1 | —   | —   | 3.5 | 1.2 | —   | —   | 2.1 | —   | —   | 0.2 | 2.6  |
| 0.1                                  | —   | 0.5 | 1.7 | —   | —   | 1.4 | 1.8 | —   | —   | 0.6 | 1.4 | —   | 1.0 | 0.7 | —   | —   | 1.1 | 1.2 | —    |
| —                                    | 2.4 | 3.1 | —   | —   | 2.6 | 3.8 | —   | —   | 2.6 | 3.0 | —   | —   | 3.1 | 2.7 | —   | —   | 2.9 | 2.8 | —    |
| 0.2                                  | —   | —   | 3.0 | 0.3 | —   | 0.3 | 3.2 | 0.5 | —   | 0.5 | 2.7 | —   | —   | 1.0 | 0.4 | —   | 0.4 | 2.1 | —    |
| —                                    | 2.1 | 3.0 | —   | —   | 0.6 | 3.2 | 0.3 | —   | 0.5 | 2.1 | 1.4 | 0.8 | 0.1 | —   | 2.2 | 0.1 | —   | 0.3 | 2.2  |
| —                                    | 0.2 | 2.0 | 0.6 | —   | 0.6 | 2.8 | —   | —   | 0.5 | 2.8 | 0.1 | —   | 0.4 | 2.1 | 0.1 | —   | 0.2 | 2.6 | 0.2  |
| —                                    | —   | 3.2 | 3.5 | —   | —   | 2.6 | 3.3 | —   | —   | 1.1 | 2.9 | —   | —   | 1.1 | 2.2 | —   | —   | 1.1 | 2.8  |
| —                                    | 0.1 | 2.5 | 1.8 | —   | —   | 1.7 | 3.7 | —   | —   | 1.5 | 4.2 | —   | —   | 1.5 | 1.5 | —   | —   | 2.4 | 2.2  |
| —                                    | —   | 2.0 | 2.3 | —   | —   | 0.7 | 4.6 | —   | —   | 0.7 | 5.3 | —   | —   | 0.2 | 5.1 | —   | —   | 0.3 | 4.2  |
| 0.7                                  | —   | 0.2 | 5.7 | 0.6 | —   | 0.4 | 5.6 | 0.3 | —   | 0.2 | 3.7 | —   | —   | 0.8 | 2.6 | —   | —   | 1.1 | 1.7  |
| —                                    | 2.1 | 0.1 | —   | 1.1 | 1.9 | —   | —   | 1.1 | 2.1 | —   | —   | 0.4 | 1.2 | —   | —   | —   | 1.7 | 0.5 | —    |
| 0.2                                  | 2.2 | 1.5 | —   | 0.1 | 0.1 | 0.1 | 0.7 | —   | —   | 0.4 | 2.9 | 0.1 | —   | 0.4 | 3.6 | —   | —   | 0.6 | 2.7  |
| 0.1                                  | —   | 0.3 | 2.2 | 0.4 | —   | 0.5 | 2.1 | 0.1 | —   | 0.9 | 0.7 | 0.2 | 0.3 | 0.8 | 0.2 | —   | 0.6 | 1.2 | —    |
| —                                    | —   | 1.8 | 4.7 | 0.1 | —   | 1.8 | 4.6 | —   | —   | 2.6 | 4.4 | —   | —   | 3.0 | 3.3 | —   | —   | 3.1 | 5.7  |
| —                                    | —   | 2.6 | 6.6 | —   | —   | 2.1 | 7.4 | —   | —   | 2.0 | 6.5 | —   | —   | 2.2 | 5.0 | —   | —   | 2.3 | 4.9  |
| 0.2                                  | —   | 0.6 | 5.7 | 0.5 | —   | 0.5 | 5.5 | 0.2 | —   | 0.2 | 4.5 | —   | —   | 0.5 | 2.4 | 0.7 | —   | 2.2 | 0.21 |
| —                                    | 0.9 | 3.5 | —   | —   | 0.8 | 4.2 | 0.2 | —   | 0.8 | 4.2 | 0.2 | —   | 1.1 | 2.8 | —   | —   | 1.2 | 2.7 | —    |
| —                                    | 2.6 | 3.2 | —   | —   | 1.9 | 4.1 | —   | —   | 0.8 | 4.6 | 0.1 | —   | 0.1 | 2.7 | 0.2 | —   | 0.1 | 1.3 | 0.8  |
| —                                    | —   | 1.7 | 2.9 | —   | —   | 1.3 | 3.8 | —   | —   | 1.1 | 2.5 | —   | —   | 1.9 | 0.2 | —   | —   | 2.7 | 0.2  |
| —                                    | —   | 1.5 | 5.5 | —   | —   | 1.8 | 4.7 | —   | —   | 1.5 | 6.2 | —   | —   | 2.0 | 4.5 | —   | —   | 2.0 | 4.3  |
| —                                    | —   | 2.8 | 4.1 | —   | —   | 2.5 | 2.6 | —   | —   | 2.8 | 1.0 | —   | —   | 2.8 | 2.0 | 0.6 | —   | 2.0 | 3.6  |
| —                                    | —   | 1.8 | 2.9 | 0.1 | —   | 1.3 | 4.6 | 0.1 | —   | 1.3 | 3.3 | —   | —   | 1.5 | 1.5 | —   | —   | 1.8 | 1.7  |
| —                                    | —   | 3.6 | 3.3 | —   | —   | 4.0 | 4.4 | —   | —   | 3.9 | 3.9 | —   | —   | 3.7 | 4.2 | —   | —   | 3.8 | 3.8  |
| 0.3                                  | 0.1 | 0.2 | 3.5 | 0.7 | —   | —   | 3.4 | 0.5 | —   | —   | 1.2 | —   | 1.2 | 0.6 | 0.1 | —   | 2.0 | 1.7 | —    |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | Mittel keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 53.06 | 54.12 | 52.78 | 52.01 | 44.79 | 42.88 | 47.90 | 53.40 | 49.81 | 50.14 | 44.64 | 44.31 | 45.89 | 44.26 | 46.99 | 48.31         |
| 9.55  | 8.12  | 9.68  | 13.58 | 12.46 | 10.14 | 10.06 | 9.70  | 12.21 | 12.06 | 9.78  | 9.40  | 8.61  | 7.94  | 8.44  | 10.50         |
| 81    | 95    | 97    | 93    | 88    | 80    | 80    | 82    | 84    | 86    | 89    | 90    | 89    | 86    | 88    | 86            |
| 7.10  | 7.60  | 8.90  | 10.80 | 9.47  | 7.23  | 7.23  | 7.57  | 9.13  | 8.67  | 7.97  | 8.17  | 7.43  | 6.80  | 7.20  | 8.14          |
| 1.97  | 0.27  | 0.27  | 0.83  | 1.33  | 2.00  | 1.87  | 1.97  | 1.80  | 1.67  | 0.73  | 0.77  | 1.10  | 1.40  | 1.30  | 1.51          |

## September 1918 September.

| Datum<br>Kuupäev | Bewölkung Pilwitus                                     |     |     |     |     |     |                 |         |         |           |          |         |        |
|------------------|--|-----|-----|-----|-----|-----|-----------------|---------|---------|-----------|----------|---------|--------|
|                  | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |         |         |           |          |         |        |
|                  | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h     | 13h     | 16h       | 19h      | 21h     | 22h    |
| 1                | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb      | ASt     | St        | St       | Nb      | St     |
| 2                | 10   | 10  | 10  | 10  | 10  | 7   | St,ACu          | St      | St      | SCu       | Nb       | St      | St     |
| 3                | 9  | 9   | 7   | 2   | 1   | 2   | ⊙Ci             | ⊙CiS    | ⊙Cu, Ci | ⊙Cu       | St       | SCu     | St     |
| 4                | 1  | 4   | 9   | 4   | 5   | 3   | ⊙CiS            | ⊙FrCu   | Cu      | ⊙Cu       | Cu       | SCu     | SCu    |
| 5                | 10   | 10  | 7   | 9   | 8   | 0   | Nb              | SCu     | Cu,CiCu | Cu        | ACu      | FrCu    | —      |
| 6                | 2  | 9   | 9   | 10  | 10  | 10  | ⊙CiCu           | ⊙Ci     | ⊙Ci,Cu  | St,SCu    | St,SCu   | St,SCu  | St,SCu |
| 7                | 10   | 4   | 3   | 1   | 1   | 0   | St,SCu          | ⊙Cu     | Cu      | ⊙Cu       | FrCu     | —       | —      |
| 8                | 1  | 2   | 1   | 2   | 1   | 0   | ⊙CiS            | ⊙FrCu   | (-)FrCu | ⊙FrCu,Ci  | St       | —       | —      |
| 9                | 9  | 10  | 10  | 10  | 10  | 10  | ⊙Ci,CiCu        | ⊙CiS    | ⊙CiS    | St        | St       | St      | St     |
| 10               | 10   | 10  | 5   | 2   | 3   | 2   | Nb              | St      | Cu      | ⊙FrCu     | Ci       | ACu,St  | St     |
| 11               | 10   | 10  | 10  | 10  | 10  | 9   | St              | St      | St      | St        | Nb       | Nb      | St     |
| 12               | 10   | 9   | 10  | 9   | 9   | 1   | SCu             | SCu,Ci  | SCu     | FrCu      | SCu      | St      | St     |
| 13               | 7  | 2   | 9   | 9   | 9   | 1   | ⊙Cu             | ⊙Cu     | SCu     | St        | CiS,SCu  | St      | St     |
| 14               | 10   | 10  | 9   | 5   | 9   | 4   | St              | St      | Cu      | St        | SCu      | SCu,ACu | SCu    |
| 15               | 6  | 10  | 10  | 8   | 0   | 1   | ACu,Ci          | Nb      | Nb      | St,FrCu   | —        | SCu     | St     |
| 16               | 9  | 9   | 9   | 9   | 10  | 10  | SCu             | SCu     | Cu,SCu  | SCu,ACu   | ACu,SCu  | St      | St     |
| 17               | 10   | 10  | 10  | 9   | 9   | 10  | Nb              | St      | St      | SCu       | ACu,St   | ACu,St  | ACu,St |
| 18               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb      | Nb      | SCu       | SCu      | SCu     | SCu    |
| 19               | 10   | 10  | 9   | 10  | 10  | 10  | St              | ASt     | ⊙Cu     | SCu,CiS   | SCu      | ASt     | ASt    |
| 20               | 10   | 10  | 10  | 8   | 9   | 10  | St              | St      | St      | Ci,FrCu   | Nb       | SCu     | SCu    |
| 21               | 5  | 9   | 4   | 2   | 7   | 10  | Cu              | ⊙Cu     | ⊙Cu,Ci  | ⊙Cu,Ci    | CuNb,ACu | SCu     | SCu    |
| 22               | 1  | 8   | 7   | 2   | 1   | 0   | ⊙CiS            | ⊙Cu     | ⊙Cu     | ⊙FrCu     | ASt      | Ci      | —      |
| 23               | 2  | 9   | 7   | 4   | 3   | 4   | ⊙CiS            | ⊙Ci     | ⊙CiCu   | ⊙Ci,CiCu  | CiCu,SCu | Ci      | Ci     |
| 24               | 10   | 10  | 10  | 10  | 8   | 8   | ⊙CiS            | ⊙Ci,CiS | ASt     | Ci,ASt    | ASt,CiS  | St,CiCu | St,ACu |
| 25               | 8  | 10  | 7   | 2   | 2   | 0   | ⊙SCu            | SCu     | ⊙Cu     | ⊙FrCu,SCu | SCu,ACu  | SCu     | —      |
| 26               | 9  | 8   | 9   | 1   | 9   | 7   | Nb              | ⊙Cu     | St,ACu  | ⊙Cu       | St       | St      | St     |
| 27               | 9  | 6   | 10  | 10  | 10  | 10  | Nb              | Cu,CiCu | SCu     | SCu       | St       | SCu     | Nb     |
| 28               | 9  | 10  | 9   | 5   | 1   | 0   | SCu             | SCu     | Ci,FrCu | Cu        | SCu      | —       | —      |
| 29               | 10   | 8   | 5   | 7   | 3   | 2   | Nb              | ⊙Cu     | ⊙Cu, Ci | ⊙FrCu     | FrSt     | St      | St     |
| 30               | 9  | 9   | 8   | 10  | 6   | 10  | SCu             | SCu     | ⊙Cu,Ci  | SCu       | St       | Nb      | Nb     |

## Stundenmittel

## Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>$\varphi^0$ | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|-------|---------------------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N—S   | E—W   |                                 |                                   |   |
| 1                | 0.05                         | 0.47 | 1.50 | 2.01 | —1.45 | —1.54 | 227                             | 2.12                              | 3.43                                    |
| 4                | 0.01                         | 0.60 | 1.56 | 1.77 | —1.55 | —1.17 | 217                             | 1.94                              | 3.33                                    |
| 7                | 0.03                         | 0.63 | 1.64 | 1.90 | —1.61 | —1.27 | 218                             | 2.05                              | 3.55                                    |
| 10               | 0.14                         | 0.51 | 1.76 | 2.48 | —1.62 | —1.97 | 231                             | 2.55                              | 4.13                                    |
| 13               | 0.27                         | 0.37 | 1.79 | 2.81 | —1.52 | —2.43 | 238                             | 2.87                              | 4.44                                    |
| 16               | 0.22                         | 0.31 | 1.63 | 2.56 | —1.41 | —2.25 | 238                             | 2.66                              | 4.02                                    |
| 19               | 0.10                         | 0.33 | 1.39 | 1.85 | —1.29 | —1.52 | 230                             | 1.99                              | 3.06                                    |
| 22               | 0.06                         | 0.38 | 1.58 | 1.89 | —1.53 | —1.50 | 225                             | 2.14                              | 3.30                                    |
| Mittel<br>keskm. | 0.11                         | 0.45 | 1.61 | 2.16 | —1.50 | —1.71 | 229                             | 2.27                              | 3.66                                    |

## September 1918 September.

| Datum<br>Kupäew | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d  |
|-----------------|---------------------------------|--------|-------------------------------------|--|---|
|                 | 7h—21h                          | 21h—7h |                                     |  |   |
| 1               | 6.9                             | 0.6    | 0.3                                 | 64   | ● 8 <sup>b</sup> 30 <sup>m</sup> —11 <sup>b</sup> 45 <sup>m</sup> , 16 <sup>b</sup> 40 <sup>m</sup> —17 <sup>b</sup> 10 <sup>m</sup> , n. |
| 2               | 2.2                             | —      | 0.7                                 | 61   | ● 11 <sup>b</sup> 30 <sup>m</sup> mit Unterbrechungen—20 <sup>b</sup> 5 <sup>m</sup> ; $\Omega$ n.  |
| 3               | —                               | —      | 1.6                                 | 60   |   |
| 4               | 0.8                             | 0.9    | 1.9                                 | 60   | ● 14 <sup>b</sup> 24 <sup>m</sup> —45 <sup>m</sup> , n.   |
| 5               | 1.7                             | —      | 1.2                                 | 58   | ● a.  |
| 6               | —                               | 2.8    | 1.3                                 | 58   | ● n.  |
| 7               | 0.4                             | —      | 1.1                                 | 58   | ● 13 <sup>b</sup> 30 <sup>m</sup> —35 <sup>m</sup> ; $\Omega$ n.  |
| 8               | —                               | —      | 1.2                                 | 54   | $\Omega$ n.   |
| 9               | —                               | 10.8   | 1.4                                 | 58   | ⊕ 11 <sup>b</sup> ; ● n.  |
| 10              | 1.0                             | —      | 1.1                                 | 59   | ● a; $\Omega$ n.  |
| 11              | 11.3                            | 0.6    | 0.3                                 | 58   | ● 8 <sup>b</sup> 12 <sup>m</sup> —p, n.   |
| 12              | 0.7                             | —      | 0.9                                 | 58   | ● 13 <sup>b</sup> 15 <sup>m</sup> —15 <sup>b</sup> ; $\Omega$ n.  |
| 13              | 1.1                             | —      | 1.4                                 | 57   | ● 19 <sup>b</sup> 27 <sup>m</sup> —50 <sup>m</sup> .  |
| 14              | 1.0                             | 0.8    | 0.6                                 | 57   | ● 12 <sup>b</sup> 0 <sup>m</sup> —40 <sup>m</sup> , 16 <sup>b</sup> 16 <sup>m</sup> —40 <sup>m</sup> , n.                                 |
| 15              | 9.8                             | —      | 0.8                                 | 58   | ● 8 <sup>b</sup> 16 <sup>m</sup> —p; $\cap$ 16 <sup>b</sup> 54 <sup>m</sup> —17 <sup>b</sup> .  |
| 16              | —                               | 6.1    | 0.9                                 | 58   | ● n.  |
| 17              | 4.2                             | 10.7   | 0.3                                 | 73   | ● a, n.   |
| 18              | 1.0                             | —      | 0.1                                 | 81   | ● —10 <sup>b</sup> ; $\equiv$ 10 <sup>b</sup> —13 <sup>b</sup> .  |
| 19              | —                               | 0.1    | 0.4                                 | 84   | $\equiv$ a; ● n.  |
| 20              | 0.2                             | 0.7    | 1.7                                 | 87   | ● 10 <sup>b</sup> 15 <sup>m</sup> —18 <sup>m</sup> , 19 <sup>b</sup> 3 <sup>m</sup> —30 <sup>m</sup> , n.                                 |
| 21              | 2.0                             | 0.2    | 2.5                                 | 87   | ● 7 <sup>b</sup> 33 <sup>m</sup> —8 <sup>b</sup> , 18 <sup>b</sup> —20 <sup>b</sup> , n; $\cap$ 10 <sup>b</sup> .                         |
| 22              | —                               | —      | 1.5                                 | 89   | ⊙ 23 <sup>b</sup> ; $\Omega$ <sup>2</sup> n.  |
| 23              | —                               | —      | 0.6                                 | 92   | ⊙ 22 <sup>b</sup> 30 <sup>m</sup> —23 <sup>b</sup> ; $\Omega$ n.  |
| 24              | —                               | 0.3    | 0.9                                 | 96   | $\cap$ , ● n.   |
| 25              | —                               | 1.7    | 1.1                                 | 88   | ● n.  |
| 26              | 1.0                             | 0.4    | 1.0                                 | 83   | ▲ 11 <sup>b</sup> 2 <sup>m</sup> —5 <sup>m</sup> ; T 11 <sup>b</sup> 5 <sup>m</sup> ; ● a, n; $\cap$ 6 <sup>b</sup> 42 <sup>m</sup> .     |
| 27              | 3.1                             | 1.2    | 1.8                                 | 82   | ● 7 <sup>b</sup> 5 <sup>m</sup> mit Unterbrechungen—n.  |
| 28              | 4.0                             | 1.2    | 0.8                                 | 85   | ● 7 <sup>b</sup> 4 <sup>m</sup> mit Unterbrechungen—n; $\cap$ 16 <sup>b</sup> 43 <sup>m</sup> .   |
| 29              | 1.2                             | 2.4    | 1.5                                 | 82   | ● —7 <sup>b</sup> 45 <sup>m</sup> , n; ● <sup>o</sup> p.  |
| 30              | 0.2                             | 5.9    | 0.6                                 | 86   | ● 20 <sup>b</sup> 35 <sup>m</sup> —n.   |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 48.52                         | 8.87                                | 93                                     | —                          | 1                |
| 48.28                         | 8.36                                | 95                                     | —                          | 4                |
| 48.07                         | 8.92                                | 94                                     | 7.9                        | 7                |
| 48.21                         | 11.27                               | 83                                     | 8.5                        | 10               |
| 48.32                         | 13.04                               | 75                                     | 8.1                        | 13               |
| 48.25                         | 13.22                               | 72                                     | 6.7                        | 16               |
| 48.41                         | 10.96                               | 84                                     | 6.5                        | 19               |
| 48.40                         | 9.39                                | 91                                     | 5.4                        | 22               |
| 48 31                         | 10.50                               | 86                                     | 7.2                        | Mittel<br>keskm. |

## Oktober 1918 Oktober.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |      |      |      |      |      |      |      |
|------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|------|------|------|------|------|------|------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  |
| 1                | 45.3                              | 43.8 | 42.8 | 42.8 | 42.8 | 42.9 | 43.0 | 44.0 | 7.3                         | 8.2  | 9.3  | 11.3 | 10.7 | 10.1 | 8.8  | 8.0  |
| 2                | 44.8                              | 46.5 | 49.2 | 52.8 | 55.3 | 57.0 | 58.8 | 60.1 | 7.3                         | 7.3  | 6.4  | 6.0  | 9.3  | 8.6  | 4.8  | 3.5  |
| 3                | 61.0                              | 62.0 | 63.0 | 64.3 | 64.6 | 64.5 | 64.9 | 65.3 | 2.6                         | 1.7  | 2.0  | 7.5  | 10.4 | 9.9  | 7.2  | 5.0  |
| 4                | 65.2                              | 65.0 | 64.9 | 65.1 | 64.2 | 62.8 | 61.6 | 60.2 | 4.0                         | 3.8  | 2.6  | 8.2  | 11.2 | 10.2 | 5.4  | 3.8  |
| 5                | 59.5                              | 58.4 | 57.2 | 56.1 | 54.4 | 51.0 | 51.4 | 51.7 | 4.5                         | 6.1  | 7.6  | 9.3  | 11.2 | 13.0 | 8.0  | 6.2  |
| 6                | 51.8                              | 51.4 | 51.2 | 52.4 | 52.9 | 53.5 | 54.0 | 54.8 | 6.0                         | 6.3  | 7.2  | 8.9  | 10.0 | 9.1  | 7.8  | 7.1  |
| 7                | 55.3                              | 55.3 | 55.5 | 55.8 | 56.0 | 56.4 | 57.4 | 58.6 | 8.2                         | 9.7  | 10.4 | 10.6 | 10.4 | 10.3 | 9.7  | 9.1  |
| 8                | 59.2                              | 59.5 | 59.4 | 59.1 | 58.0 | 57.3 | 56.7 | 56.5 | 7.8                         | 7.0  | 7.7  | 9.3  | 13.7 | 13.1 | 11.0 | 9.8  |
| 9                | 55.7                              | 55.3 | 55.0 | 55.7 | 56.1 | 56.6 | 58.2 | 59.3 | 10.0                        | 9.2  | 10.1 | 11.0 | 11.6 | 11.1 | 10.3 | 8.9  |
| 10               | 60.6                              | 61.5 | 62.8 | 64.0 | 64.2 | 64.3 | 64.7 | 64.9 | 7.3                         | 6.0  | 5.6  | 9.5  | 13.5 | 12.5 | 9.5  | 7.9  |
| 11               | 65.0                              | 64.9 | 64.8 | 65.0 | 64.4 | 63.0 | 62.0 | 61.0 | 7.0                         | 6.1  | 5.4  | 8.8  | 12.9 | 12.0 | 8.7  | 7.2  |
| 12               | 60.2                              | 59.6 | 59.2 | 58.9 | 58.4 | 58.0 | 57.8 | 57.7 | 6.6                         | 6.4  | 7.4  | 10.0 | 12.2 | 13.3 | 12.7 | 12.0 |
| 13               | 57.4                              | 57.3 | 57.2 | 57.4 | 57.3 | 56.9 | 56.7 | 56.6 | 11.8                        | 11.9 | 12.0 | 13.1 | 15.2 | 15.0 | 14.1 | 14.2 |
| 14               | 56.3                              | 56.0 | 55.8 | 55.9 | 55.8 | 55.7 | 55.8 | 56.1 | 13.8                        | 13.1 | 12.6 | 13.7 | 18.7 | 17.5 | 12.5 | 12.3 |
| 15               | 56.1                              | 57.0 | 57.2 | 58.0 | 58.4 | 58.5 | 59.1 | 59.8 | 11.0                        | 11.2 | 10.0 | 12.2 | 16.0 | 14.3 | 10.7 | 9.8  |
| 16               | 60.2                              | 59.9 | 59.7 | 59.9 | 59.8 | 59.7 | 59.8 | 60.0 | 9.5                         | 9.4  | 9.4  | 9.9  | 10.3 | 10.0 | 10.4 | 10.0 |
| 17               | 60.0                              | 59.7 | 59.7 | 60.4 | 60.4 | 60.3 | 61.0 | 61.3 | 9.5                         | 9.0  | 8.4  | 10.0 | 14.2 | 13.7 | 10.9 | 9.2  |
| 18               | 61.4                              | 61.4 | 61.8 | 62.2 | 62.2 | 62.1 | 62.2 | 62.5 | 8.0                         | 7.2  | 6.9  | 9.5  | 15.4 | 15.1 | 11.6 | 9.8  |
| 19               | 62.4                              | 62.2 | 62.0 | 62.1 | 61.4 | 60.1 | 59.8 | 59.5 | 8.7                         | 7.4  | 5.7  | 8.3  | 14.3 | 14.0 | 11.2 | 8.4  |
| 20               | 58.7                              | 57.4 | 56.8 | 56.6 | 56.9 | 57.8 | 59.2 | 60.8 | 7.7                         | 7.5  | 7.8  | 7.7  | 7.4  | 6.4  | 2.8  | 0.9  |
| 21               | 63.0                              | 64.2 | 65.8 | 66.7 | 67.3 | 66.9 | 66.1 | 66.0 | 0.6                         | 0.2  | -1.8 | 1.3  | 4.4  | 4.1  | 1.7  | -0.1 |
| 22               | 65.9                              | 65.3 | 65.1 | 65.2 | 65.2 | 65.1 | 65.0 | 65.1 | 0.7                         | 3.0  | 3.8  | 5.2  | 6.6  | 6.3  | 5.6  | 5.4  |
| 23               | 64.5                              | 63.2 | 62.7 | 62.0 | 60.7 | 59.0 | 57.1 | 56.3 | 4.6                         | 4.0  | 4.7  | 6.3  | 8.2  | 7.2  | 6.0  | 4.6  |
| 24               | 54.5                              | 52.2 | 50.5 | 48.5 | 47.1 | 46.4 | 47.1 | 48.0 | 4.4                         | 3.9  | 3.8  | 4.1  | 5.6  | 7.2  | 6.6  | 6.3  |
| 25               | 48.3                              | 48.7 | 48.9 | 49.8 | 49.9 | 49.8 | 49.5 | 49.2 | 4.7                         | 3.3  | 2.2  | 4.3  | 7.0  | 7.0  | 6.0  | 5.1  |
| 26               | 48.7                              | 48.0 | 47.7 | 48.0 | 48.1 | 48.2 | 48.5 | 48.8 | 5.4                         | 5.4  | 5.4  | 6.1  | 7.0  | 7.1  | 7.1  | 7.0  |
| 27               | 49.0                              | 49.2 | 49.6 | 49.9 | 49.8 | 49.9 | 50.2 | 51.0 | 7.0                         | 7.2  | 7.6  | 8.0  | 8.0  | 8.0  | 7.8  | 8.0  |
| 28               | 51.1                              | 51.2 | 51.6 | 53.2 | 54.8 | 56.8 | 58.2 | 60.2 | 7.7                         | 7.5  | 7.4  | 7.6  | 8.2  | 8.1  | 7.9  | 7.6  |
| 29               | 61.3                              | 62.4 | 63.3 | 64.2 | 64.8 | 65.3 | 65.9 | 66.4 | 7.5                         | 7.4  | 7.4  | 7.9  | 8.4  | 8.1  | 7.5  | 7.0  |
| 30               | 67.0                              | 67.0 | 67.7 | 68.3 | 68.6 | 68.9 | 69.0 | 69.4 | 6.5                         | 6.1  | 6.4  | 6.7  | 7.3  | 7.0  | 6.5  | 6.4  |
| 31               | 69.2                              | 68.9 | 68.6 | 68.5 | 68.4 | 68.0 | 67.2 | 66.9 | 6.2                         | 6.3  | 6.3  | 6.8  | 8.2  | 8.0  | 8.0  | 7.0  |

## Ergänzende Beobachtungen um 21h.

|                                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Luftdruck<br>õhurõhumine         | 43.2 | 60.0 | 65.2 | 61.0 | 51.7 | 54.7 | 58.1 | 56.5 | 59.1 | 64.8 | 61.4 | 57.5 | 56.6 | 56.1 | 59.4 |
| Temperatur<br>temperatuur        | 8.2  | 3.7  | 6.2  | 4.2  | 7.0  | 7.4  | 9.2  | 9.8  | 9.2  | 8.0  | 7.4  | 12.1 | 14.2 | 13.5 | 9.7  |
| Relat. Feucht.<br>relat. niiskus | 82   | 83   | 75   | 85   | 95   | 95   | 93   | 81   | 90   | 87   | 74   | 99   | 98   | 85   | 99   |
| Bewölkung<br>pilvitus            | 9    | 0    | 1    | 1    | 2    | 1    | 2    | 10   | 10   | 0    | 1    | 10   | 10   | 2    | 10   |
| Tempe-<br>ratur                  | 12.3 | 10.5 | 11.9 | 13.4 | 13.4 | 10.8 | 11.6 | 15.2 | 11.7 | 13.7 | 15.3 | 13.4 | 15.5 | 19.8 | 17.0 |
| max.<br>min.                     | 6.5  | 2.9  | 0.5  | 1.6  | 3.2  | 5.7  | 7.1  | 5.7  | 8.6  | 4.7  | 5.1  | 5.4  | 11.4 | 11.5 | 9.3  |

## Oktober 1918 Oktober.

| Datum<br>Kuupäew. | Relative Feuchtigkeith<br>relatiivne niiskus |     |     |     |     |     |     |     | Absolute Feuchtigkeith<br>absoluutne niiskus |      |      | Kompletive Feuchtigkeith<br>täisniiskuse puudus |     |     | Feuchtes Thermometer<br>määrg termomeeter |      |      |
|-------------------|--|-----|-----|-----|-----|-----|-----|-----|--|------|------|---|-----|-----|---|------|------|
|                   | 1h   | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | 7h   | 13h  | 21h  | 7h  | 13h | 21h | 7h  | 13h  | 21h  |
| 1                 | 97   | 97  | 95  | 89  | 72  | 80  | 80  | 80  | 8.2  | 6.9  | 6.6  | 0.4   | 2.7 | 1.5 | 8.9                                       | 8.2  | 6.8  |
| 2                 | 85   | 84  | 84  | 90  | 59  | 62  | 68  | 84  | 6.0  | 5.1  | 5.0  | 1.2   | 3.6 | 1.0 | 5.2                                       | 5.8  | 2.6  |
| 3                 | 90   | 92  | 93  | 80  | 59  | 59  | 71  | 82  | 4.9  | 5.5  | 5.3  | 0.4   | 3.8 | 1.7 | 1.6                                       | 6.8  | 4.4  |
| 4                 | 87   | 86  | 92  | 73  | 62  | 60  | 76  | 92  | 5.1  | 6.2  | 5.2  | 0.4   | 3.7 | 0.9 | 2.1                                       | 7.8  | 3.2  |
| 5                 | 93   | 96  | 97  | 98  | 95  | 94  | 95  | 95  | 7.6  | 9.4  | 7.1  | 0.2   | 0.5 | 0.4 | 7.4                                       | 10.8 | 6.6  |
| 6                 | 89   | 90  | 96  | 85  | 79  | 80  | 88  | 96  | 7.3  | 7.2  | 7.3  | 0.3   | 1.9 | 0.4 | 6.9                                       | 8.2  | 7.0  |
| 7                 | 97   | 95  | 90  | 86  | 95  | 97  | 95  | 95  | 8.5  | 8.9  | 8.2  | 0.9   | 0.4 | 0.4 | 9.6                                       | 10.0 | 8.8  |
| 8                 | 97   | 98  | 95  | 90  | 75  | 74  | 74  | 81  | 7.4  | 8.8  | 7.3  | 0.4   | 2.9 | 1.7 | 7.3                                       | 11.3 | 8.2  |
| 9                 | 78   | 97  | 99  | 98  | 97  | 96  | 98  | 91  | 9.1  | 9.8  | 7.8  | 0.1   | 0.4 | 0.8 | 10.0                                      | 11.3 | 8.4  |
| 10                | 93   | 95  | 97  | 93  | 64  | 66  | 82  | 86  | 6.6  | 7.4  | 7.0  | 0.2   | 4.1 | 1.0 | 5.4                                       | 10.0 | 7.0  |
| 11                | 87   | 98  | 91  | 75  | 44  | 45  | 63  | 76  | 6.1  | 4.9  | 5.7  | 0.6   | 6.2 | 2.0 | 4.8                                       | 7.4  | 5.4  |
| 12                | 84   | 94  | 97  | 98  | 91  | 90  | 95  | 99  | 7.5  | 9.6  | 10.4 | 0.2   | 0.9 | 0.1 | 7.2                                       | 11.4 | 12.0 |
| 13                | 100  | 100 | 100 | 99  | 95  | 96  | 98  | 98  | 10.4   | 12.2 | 11.8 | 0.0   | 0.7 | 0.3 | 12.0                                      | 14.7 | 14.0 |
| 14                | 98   | 97  | 91  | 84  | 56  | 55  | 74  | 88  | 9.9  | 8.9  | 9.1  | 1.0   | 7.1 | 1.6 | 11.8                                      | 13.5 | 11.1 |
| 15                | 93   | 97  | 99  | 95  | 73  | 79  | 96  | 99  | 9.0  | 9.5  | 8.8  | 0.1   | 4.0 | 0.1 | 9.9                                       | 12.9 | 9.6  |
| 16                | 100  | 99  | 100 | 100 | 100 | 99  | 98  | 98  | 8.8  | 9.3  | 9.0  | 0.0   | 0.0 | 0.2 | 9.4                                       | 10.3 | 10.0 |
| 17                | 99   | 99  | 99  | 99  | 80  | 74  | 84  | 93  | 8.1  | 9.7  | 7.9  | 0.1   | 2.4 | 1.0 | 8.3                                       | 12.3 | 8.6  |
| 18                | 95   | 96  | 96  | 88  | 73  | 75  | 90  | 93  | 7.1  | 9.4  | 8.6  | 0.3   | 3.6 | 0.8 | 6.6                                       | 12.6 | 9.6  |
| 19                | 96   | 97  | 96  | 91  | 75  | 77  | 84  | 96  | 6.5  | 9.0  | 8.2  | 0.3   | 3.1 | 0.4 | 5.4                                       | 11.8 | 8.7  |
| 20                | 97   | 98  | 96  | 80  | 67  | 65  | 75  | 82  | 7.6  | 5.1  | 4.1  | 0.3   | 2.6 | 0.9 | 7.5                                       | 4.8  | 0.2  |
| 21                | 77   | 79  | 92  | 83  | 63  | 69  | 87  | 98  | 3.7  | 3.9  | 4.5  | 0.3   | 2.3 | 0.3 | —2.2                                      | 1.8  | 0.2  |
| 22                | 97   | 92  | 94  | 84  | 71  | 68  | 76  | 79  | 5.6  | 5.1  | 5.3  | 0.4   | 2.1 | 1.4 | 3.4                                       | 4.4  | 4.0  |
| 23                | 82   | 86  | 93  | 97  | 89  | 85  | 87  | 86  | 5.9  | 7.2  | 5.5  | 0.5   | 0.9 | 1.0 | 4.2                                       | 7.3  | 3.9  |
| 24                | 88   | 92  | 97  | 98  | 97  | 90  | 89  | 91  | 5.8  | 6.6  | 6.5  | 0.2   | 0.2 | 0.7 | 3.6                                       | 5.4  | 5.7  |
| 25                | 94   | 91  | 90  | 90  | 81  | 88  | 91  | 94  | 4.8  | 6.1  | 6.2  | 0.5   | 1.4 | 0.5 | 1.6                                       | 5.6  | 4.8  |
| 26                | 93   | 93  | 90  | 94  | 97  | 98  | 98  | 99  | 6.0  | 7.3  | 7.3  | 0.7   | 0.2 | 0.2 | 4.7                                       | 6.8  | 6.9  |
| 27                | 100  | 99  | 99  | 99  | 97  | 97  | 97  | 97  | 7.7  | 7.8  | 7.6  | 0.1   | 0.2 | 0.3 | 7.5                                       | 7.8  | 7.6  |
| 28                | 98   | 99  | 100 | 99  | 97  | 96  | 97  | 98  | 7.7  | 7.9  | 7.7  | 0.0   | 0.2 | 0.1 | 7.4                                       | 8.0  | 7.5  |
| 29                | 98   | 98  | 98  | 98  | 95  | 93  | 96  | 97  | 7.5  | 7.8  | 7.7  | 0.2   | 0.4 | 0.2 | 7.2                                       | 8.0  | 7.7  |
| 30                | 96   | 95  | 94  | 93  | 83  | 83  | 88  | 89  | 6.8  | 6.3  | 6.4  | 0.4   | 1.3 | 0.8 | 6.0                                       | 6.0  | 5.6  |
| 31                | 96   | 98  | 97  | 97  | 85  | 88  | 96  | 97  | 6.9  | 6.9  | 7.4  | 0.2   | 1.2 | 0.3 | 6.1                                       | 7.0  | 7.1  |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 59.9 | 61.3 | 62.5 | 59.6 | 60.3 | 65.8 | 65.1 | 56.8 | 47.6 | 49.2 | 48.8 | 50.7 | 59.7 | 66.1 | 69.3 | 67.1 | 58.55            |
| 10.2 | 9.5  | 10.3 | 9.1  | 1.3  | 0.5  | 5.5  | 5.0  | 6.4  | 5.3  | 7.1  | 7.9  | 7.6  | 7.9  | 6.4  | 7.4  | 7.62             |
| 98   | 89   | 92   | 95   | 81   | 95   | 79   | 84   | 90   | 93   | 97   | 96   | 98   | 97   | 89   | 96   | 90               |
| 10   | 8    | 1    | 0    | 1    | 7    | 10   | 10   | 10   | 4    | 10   | 10   | 10   | 10   | 10   | 10   | 6.1              |
| 10.8 | 15.6 | 17.5 | 16.5 | 8.9  | 5.5  | 7.1  | 8.3  | 7.5  | 7.0  | 7.6  | 8.3  | 8.2  | 8.5  | 7.9  | 8.5  | 11.59            |
| 9.0  | 8.1  | 6.4  | 3.6  | 1.0  | —1.9 | —0.5 | 3.0  | 3.6  | 1.2  | 4.7  | 6.6  | 6.7  | 7.0  | 5.5  | 6.0  | 5.14             |

## Oktober 1918 Oktober.

| Datum<br>Kuupäev | Windgeschwindigkeit<br>Tuule kiirus<br>m/sek. |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
|------------------|---|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|
|                  |   |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |   |   |   |   |
|                  | 1h  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N | E | S | W |
| 1                | 4.3   | 4.4 | 5.1 | 4.5 | 5.4 | 6.0 | 7.0 | 8.6 | —                 | 3.0 | 2.1 | —   | —   | 0.9 | 4.2 | —   | —   | 0.6 | 4.5 | 0.3 | — | — | — | — |
| 2                | 9.2   | 7.5 | 6.4 | 6.1 | 5.5 | 3.9 | 2.3 | 2.1 | —                 | —   | 3.9 | 7.2 | 0.1 | —   | 2.2 | 6.3 | 0.2 | —   | 0.8 | 5.9 | — | — | — | — |
| 3                | 1.7   | 1.5 | 1.4 | 2.6 | 3.0 | 2.6 | 1.9 | 1.8 | —                 | —   | 0.4 | 1.5 | —   | —   | 0.7 | 1.1 | —   | —   | 0.7 | 1.0 | — | — | — | — |
| 4                | 1.9   | 2.1 | 1.5 | 2.4 | 3.0 | 2.9 | 3.3 | 2.5 | —                 | —   | 1.7 | 0.5 | —   | —   | 1.9 | 0.4 | —   | —   | 1.5 | 0.2 | — | — | — | — |
| 5                | 2.1   | 3.0 | 3.7 | 3.7 | 4.7 | 5.8 | 5.0 | 4.2 | —                 | 1.6 | 0.9 | —   | —   | 2.2 | 1.5 | —   | —   | 2.2 | 2.6 | —   | — | — | — | — |
| 6                | 4.0   | 4.6 | 4.4 | 6.1 | 5.4 | 4.4 | 4.1 | 4.2 | —                 | —   | 3.5 | 1.1 | —   | 0.3 | 4.2 | 0.6 | —   | —   | 3.4 | 1.9 | — | — | — | — |
| 7                | 4.2   | 4.3 | 4.0 | 4.6 | 4.7 | 4.4 | 3.6 | 3.5 | —                 | —   | 2.8 | 2.6 | —   | —   | 3.0 | 2.6 | —   | —   | 2.9 | 2.2 | — | — | — | — |
| 8                | 3.0   | 2.4 | 2.7 | 4.3 | 4.5 | 3.2 | 3.2 | 2.4 | —                 | —   | 2.1 | 1.9 | —   | —   | 2.0 | 0.6 | —   | —   | 2.7 | 0.2 | — | — | — | — |
| 9                | 2.4   | 2.3 | 2.0 | 2.1 | 1.8 | 1.6 | 2.3 | 2.6 | —                 | 0.6 | 2.0 | —   | —   | 0.5 | 2.1 | —   | —   | 0.3 | 1.8 | 0.1 | — | — | — | — |
| 10               | 2.8   | 2.9 | 3.3 | 3.6 | 4.2 | 3.3 | 2.6 | 3.0 | —                 | —   | 0.3 | 2.8 | —   | —   | 1.0 | 2.5 | —   | —   | 1.4 | 2.6 | — | — | — | — |
| 11               | 3.3   | 4.7 | 3.3 | 3.3 | 2.7 | 2.2 | 2.4 | 2.1 | —                 | —   | 1.9 | 2.3 | —   | —   | 2.2 | 3.5 | —   | —   | 1.5 | 2.5 | — | — | — | — |
| 12               | 1.7   | 1.4 | 2.1 | 1.8 | 0.9 | 0.9 | 0.9 | 0.6 | —                 | 0.4 | 1.4 | —   | —   | 0.7 | 0.8 | —   | —   | 1.7 | 0.8 | —   | — | — | — | — |
| 13               | 0.6   | 0.6 | 0.8 | 1.7 | 2.2 | 2.3 | 2.1 | 2.4 | —                 | 0.4 | 0.4 | —   | —   | 0.4 | 0.4 | —   | —   | 0.5 | 0.5 | —   | — | — | — | — |
| 14               | 1.8   | 2.1 | 1.9 | 2.2 | 3.0 | 1.9 | 1.3 | 0.9 | —                 | 0.5 | 1.5 | —   | —   | 0.1 | 2.1 | —   | —   | 0.1 | 1.8 | 0.3 | — | — | — | — |
| 15               | 1.5   | 1.2 | 0.9 | 1.5 | 1.7 | 2.1 | 1.5 | 2.2 | —                 | 0.5 | 0.3 | 1.1 | 0.1 | 0.5 | 0.5 | 0.5 | 0.1 | 0.7 | 0.3 | —   | — | — | — | — |
| 16               | 2.7   | 3.1 | 2.7 | 3.6 | 3.7 | 3.6 | 4.0 | 3.5 | —                 | 2.4 | 0.5 | —   | —   | 2.8 | 0.7 | —   | —   | 2.4 | 0.6 | —   | — | — | — | — |
| 17               | 3.6   | 3.8 | 3.6 | 3.2 | 3.0 | 3.1 | 3.0 | 2.8 | —                 | 2.9 | 1.4 | —   | —   | 3.0 | 1.4 | —   | —   | 3.1 | 1.1 | —   | — | — | — | — |
| 18               | 2.9   | 2.8 | 2.6 | 2.4 | 3.0 | 2.1 | 1.9 | 1.9 | —                 | 2.5 | 1.0 | —   | —   | 2.4 | 0.8 | —   | —   | 1.7 | 1.4 | —   | — | — | — | — |
| 19               | 1.4   | 0.7 | 1.9 | 0.8 | 1.3 | 1.3 | 1.5 | 2.1 | —                 | 0.3 | 1.1 | —   | —   | 0.2 | 0.6 | —   | —   | 0.3 | 1.8 | 0.1 | — | — | — | — |
| 20               | 1.6   | 2.1 | 2.5 | 2.9 | 4.2 | 4.0 | 3.2 | 3.2 | 1.7               | —   | —   | —   | 0.7 | —   | —   | 1.7 | 1.7 | —   | 0.2 | 1.6 | — | — | — | — |
| 21               | 3.6   | 3.5 | 2.9 | 2.7 | 3.6 | 3.2 | 3.5 | 3.5 | 2.5               | —   | —   | 2.0 | 2.4 | —   | —   | 1.8 | 0.3 | —   | —   | 2.7 | — | — | — | — |
| 22               | 4.5   | 4.2 | 3.1 | 3.4 | 3.7 | 3.3 | 2.7 | 1.9 | 0.1               | —   | 0.1 | 4.5 | —   | —   | —   | 4.3 | —   | —   | —   | 3.1 | — | — | — | — |
| 23               | 2.0   | 2.4 | 3.0 | 2.6 | 2.8 | 2.6 | 3.1 | 2.3 | —                 | —   | 0.1 | 2.0 | —   | —   | 0.6 | 2.1 | —   | —   | 1.1 | 2.4 | — | — | — | — |
| 24               | 2.1   | 1.4 | 1.4 | 2.7 | 3.8 | 4.5 | 4.8 | 3.9 | —                 | —   | 1.9 | 0.5 | —   | —   | 1.4 | 0.1 | —   | —   | 1.2 | 0.4 | — | — | — | — |
| 25               | 3.4   | 3.3 | 2.7 | 2.4 | 1.7 | 2.0 | 2.5 | 2.4 | —                 | —   | 0.7 | 3.1 | —   | —   | 0.9 | 2.9 | —   | —   | 0.9 | 2.2 | — | — | — | — |
| 26               | 2.6   | 3.0 | 3.0 | 1.8 | 1.8 | 1.2 | 1.6 | 1.2 | —                 | 0.1 | 2.5 | 0.1 | —   | 0.1 | 3.0 | 0.1 | —   | 0.2 | 2.9 | 0.1 | — | — | — | — |
| 27               | 1.1   | 1.0 | 1.5 | 2.1 | 2.7 | 2.7 | 3.4 | 2.1 | —                 | 1.1 | 0.1 | —   | —   | 1.1 | —   | —   | —   | 1.4 | 0.1 | —   | — | — | — | — |
| 28               | 1.6   | 1.7 | 2.1 | 3.0 | 3.5 | 3.3 | 3.1 | 2.7 | —                 | 1.6 | 0.2 | —   | 1.2 | 1.0 | —   | —   | 1.6 | —   | —   | 1.0 | — | — | — | — |
| 29               | 2.4   | 2.1 | 2.0 | 2.1 | 2.4 | 1.8 | 1.9 | 1.8 | —                 | —   | 0.3 | 2.3 | —   | —   | 0.5 | 1.9 | —   | —   | 0.8 | 1.5 | — | — | — | — |
| 30               | 0.9   | 0.6 | 0.6 | 0.6 | 0.9 | 0.8 | 0.9 | 1.5 | —                 | —   | —   | 1.0 | —   | —   | —   | 0.6 | 0.2 | —   | —   | 0.5 | — | — | — | — |
| 31               | 1.5   | 1.8 | 1.9 | 2.4 | 2.4 | 2.4 | 3.4 | 4.8 | 0.1               | 1.4 | 0.1 | —   | —   | 1.1 | 1.2 | —   | —   | 1.2 | 1.1 | —   | — | — | — | — |

## T a g e s m i t t e l

|                                    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>õhurõhumine           | 43.42 | 53.06 | 63.70 | 63.62 | 54.96 | 52.75 | 56.29 | 58.22 | 56.49 | 63.38 | 63.76 | 58.72 | 57.10 | 55.92 | 58.01 |
| Temperatur<br>temperatuur          | 9.21  | 6.65  | 5.79  | 6.15  | 8.24  | 7.80  | 9.80  | 9.92  | 10.28 | 8.98  | 8.51  | 10.08 | 13.41 | 14.28 | 11.90 |
| Relat. Feucht.<br>relat. niiskus   | 86    | 77    | 78    | 78    | 95    | 88    | 94    | 86    | 94    | 84    | 71    | 94    | 98    | 80    | 91    |
| Absol. Feucht.<br>absol. niiskus   | 7.23  | 5.37  | 5.23  | 5.50  | 8.03  | 7.27  | 8.53  | 7.83  | 8.90  | 7.00  | 5.57  | 9.17  | 11.47 | 9.30  | 9.10  |
| Kompl. Feucht.<br>täisniisk.puudus | 1.53  | 1.93  | 1.97  | 1.67  | 0.37  | 0.87  | 0.57  | 1.67  | 0.43  | 1.77  | 2.93  | 0.40  | 0.33  | 3.23  | 1.40  |

## Oktober 1918 Oktober.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |      | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W    | N               | E    | S    | W    |
| —                                    | 0.2 | 4.0 | 0.9 | —   | 0.1 | 4.1 | 2.4 | —   | 0.1 | 4.3 | 3.1 | —   | —   | 4.8 | 4.5 | 0.1 | —   | 4.7 | 6.3  | 0.01            | 0.61 | 4.09 | 2.19 |
| 0.8                                  | —   | 0.2 | 5.6 | 0.7 | —   | 0.1 | 5.1 | 0.4 | —   | 0.1 | 3.4 | —   | —   | 0.1 | 2.3 | —   | —   | 0.2 | 2.0  | 0.28            | —    | 0.95 | 4.72 |
| —                                    | —   | 1.6 | 1.8 | —   | —   | 1.7 | 1.9 | —   | —   | 1.8 | 1.5 | —   | —   | 1.4 | 1.0 | —   | —   | 1.7 | 0.5  | —               | —    | 1.25 | 1.29 |
| —                                    | 0.1 | 2.1 | 0.4 | —   | 0.4 | 2.8 | —   | —   | 2.0 | 1.4 | —   | —   | 2.2 | 1.6 | —   | —   | 2.2 | 0.6 | —    | —               | 0.86 | 1.70 | 0.19 |
| —                                    | 2.6 | 1.7 | —   | —   | 3.6 | 2.0 | —   | —   | 4.5 | 2.2 | —   | —   | —   | 3.1 | 2.9 | —   | —   | 3.6 | 1.2  | —               | 2.09 | 2.20 | 0.51 |
| —                                    | —   | 3.8 | 4.2 | —   | —   | 3.9 | 3.3 | —   | 0.1 | 3.0 | 2.6 | —   | —   | 2.9 | 2.2 | —   | —   | 2.8 | 2.6  | —               | 0.05 | 3.44 | 2.31 |
| —                                    | —   | 3.1 | 2.9 | —   | —   | 3.1 | 3.0 | —   | —   | 2.5 | 3.1 | —   | —   | 2.0 | 2.6 | —   | —   | 2.1 | 2.4  | —               | —    | 2.69 | 2.68 |
| —                                    | 0.5 | 4.1 | —   | —   | 0.5 | 4.2 | 0.2 | —   | 0.4 | 3.1 | —   | —   | 0.7 | 2.9 | —   | —   | 0.5 | 2.1 | —    | —               | 0.32 | 2.90 | 0.36 |
| —                                    | —   | 1.4 | 1.2 | —   | —   | 0.6 | 1.6 | —   | —   | 1.7 | 1.1 | —   | —   | 1.7 | —   | —   | —   | 2.7 | 0.14 | 0.18            | 0.99 | 1.12 |      |
| —                                    | —   | 0.9 | 3.1 | —   | —   | 1.2 | 3.6 | —   | —   | 1.1 | 2.7 | —   | —   | 1.9 | 1.4 | —   | —   | 2.1 | 1.5  | —               | —    | 1.24 | 2.52 |
| —                                    | —   | 1.8 | 2.2 | —   | —   | 1.9 | 1.3 | —   | 0.4 | 2.0 | —   | —   | 0.6 | 2.0 | —   | —   | 0.6 | 1.9 | —    | —               | 0.20 | 1.90 | 1.48 |
| —                                    | 0.8 | 1.4 | —   | —   | 0.2 | 0.7 | —   | —   | 0.3 | 0.7 | —   | —   | 0.5 | 0.5 | —   | —   | 0.3 | 0.3 | —    | —               | 0.61 | 0.82 | —    |
| —                                    | 1.2 | 1.0 | —   | —   | 1.7 | 0.8 | —   | —   | 1.6 | 1.2 | —   | —   | 0.8 | 1.8 | —   | —   | 0.2 | 2.3 | —    | —               | 0.85 | 1.05 | —    |
| —                                    | 0.1 | 2.2 | —   | —   | 0.1 | 2.5 | 0.5 | —   | —   | 1.3 | 0.9 | —   | —   | 0.7 | 0.7 | —   | —   | 1.0 | —    | —               | 0.11 | 1.51 | 0.42 |
| 0.1                                  | 1.5 | 0.1 | —   | —   | 1.7 | 0.2 | —   | —   | 2.1 | 0.1 | —   | —   | 1.6 | —   | —   | —   | 2.2 | 0.2 | —    | 0.04            | 1.35 | 0.21 | 0.20 |
| —                                    | 2.8 | 1.4 | —   | —   | 2.8 | 1.4 | —   | —   | 2.7 | 1.3 | —   | —   | 3.0 | 1.5 | —   | —   | 2.7 | 1.3 | —    | —               | 2.70 | 1.09 | —    |
| —                                    | 2.4 | 1.2 | —   | —   | 2.5 | 1.0 | —   | —   | 2.4 | 1.2 | —   | —   | 2.3 | 1.1 | —   | —   | 2.3 | 1.0 | —    | —               | 2.61 | 1.18 | —    |
| —                                    | 1.4 | 1.5 | —   | —   | 1.0 | 2.5 | —   | —   | 1.0 | 1.3 | —   | —   | 1.1 | 1.3 | —   | —   | 0.4 | 1.6 | —    | —               | 1.44 | 1.42 | —    |
| —                                    | 0.2 | 0.7 | —   | —   | 0.9 | 0.8 | 0.1 | —   | —   | 1.3 | 0.5 | —   | —   | 1.2 | 0.1 | —   | —   | 2.1 | 0.09 | 0.12            | 0.64 | 0.69 |      |
| 2.0                                  | 0.1 | —   | 1.7 | 3.4 | 0.7 | —   | 0.8 | 3.4 | 0.6 | —   | 0.7 | 2.2 | 0.1 | —   | 1.8 | 1.7 | —   | 2.1 | 2.10 | 0.19            | 0.02 | 1.30 |      |
| 0.3                                  | —   | —   | 2.6 | 1.1 | —   | —   | 3.0 | 0.1 | —   | —   | 3.2 | 0.1 | —   | —   | 3.5 | 0.1 | —   | 3.5 | 0.86 | —               | —    | 2.79 |      |
| —                                    | —   | 0.2 | 3.3 | —   | —   | 0.3 | 3.5 | —   | —   | 0.1 | 3.3 | —   | —   | —   | 2.7 | —   | 0.1 | 0.2 | 1.8  | 0.01            | 0.01 | 0.36 | 3.31 |
| —                                    | —   | 0.9 | 2.0 | —   | —   | 1.5 | 1.9 | —   | —   | 1.9 | 1.4 | —   | —   | 2.3 | 1.4 | —   | —   | 1.6 | 1.1  | —               | —    | 1.25 | 1.79 |
| —                                    | —   | 1.2 | 2.1 | —   | —   | 1.3 | 3.1 | —   | —   | 0.8 | 4.0 | —   | —   | 0.3 | 4.6 | —   | —   | 0.3 | 3.8  | —               | —    | 1.05 | 2.32 |
| —                                    | —   | 0.8 | 1.9 | —   | —   | 1.3 | 0.8 | —   | 0.1 | 2.1 | —   | —   | 0.1 | 2.5 | 0.2 | —   | 0.1 | 2.3 | 0.1  | —               | 0.04 | 1.44 | 1.40 |
| —                                    | 0.3 | 1.5 | —   | —   | 1.0 | 1.1 | —   | —   | 1.3 | —   | —   | —   | 1.6 | 0.2 | —   | —   | 1.2 | 0.2 | —    | —               | 0.72 | 1.42 | 0.04 |
| —                                    | 2.2 | —   | —   | —   | 2.6 | 0.3 | —   | —   | 2.5 | 0.5 | —   | —   | 2.7 | 1.4 | —   | —   | 1.6 | 0.7 | —    | —               | 1.90 | 0.39 | —    |
| 0.5                                  | —   | —   | 2.8 | 0.3 | —   | 0.1 | 3.4 | —   | —   | 0.4 | 3.1 | —   | —   | 0.4 | 3.0 | —   | —   | 0.3 | 2.6  | 0.45            | 0.32 | 0.18 | 1.99 |
| —                                    | —   | 0.5 | 1.8 | —   | —   | 0.3 | 2.3 | —   | —   | 0.1 | 1.8 | —   | —   | —   | 2.0 | —   | —   | 1.9 | —    | —               | —    | 0.31 | 1.94 |
| 0.3                                  | —   | 0.3 | —   | —   | 0.3 | 0.3 | 0.3 | —   | 0.4 | 0.5 | —   | 0.3 | 0.6 | 0.1 | —   | 0.4 | 1.3 | —   | —    | 0.15            | 0.32 | 0.15 | 0.30 |
| —                                    | 1.3 | 1.6 | —   | —   | 1.6 | 1.6 | —   | —   | 2.2 | 0.6 | —   | —   | 2.8 | 1.1 | —   | —   | 3.7 | 1.8 | —    | 0.01            | 1.91 | 1.14 | —    |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | Mittel<br>keskm |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| 59.88 | 60.35 | 61.98 | 61.19 | 58.02 | 65.75 | 65.24 | 60.69 | 49.29 | 49.26 | 48.25 | 49.82 | 54.64 | 64.20 | 68.24 | 68.21 | 58.21           |
| 9.86  | 10.61 | 10.44 | 9.75  | 6.02  | 1.30  | 4.58  | 5.70  | 5.24  | 4.95  | 6.31  | 7.70  | 7.75  | 7.65  | 6.61  | 7.10  | 8.15            |
| 99    | 91    | 88    | 89    | 82    | 81    | 83    | 88    | 93    | 90    | 95    | 98    | 98    | 97    | 90    | 94    | 89              |
| 9.03  | 8.57  | 8.37  | 7.90  | 5.60  | 4.03  | 5.33  | 6.20  | 6.30  | 5.70  | 6.87  | 7.70  | 7.77  | 7.67  | 6.50  | 7.07  | 7.29            |
| 0.07  | 1.17  | 1.57  | 1.27  | 1.27  | 0.97  | 1.30  | 0.80  | 0.37  | 0.80  | 0.37  | 0.20  | 0.10  | 0.27  | 0.83  | 0.57  | 1.06            |

## Oktober 1918 Oktober.

|                 |  | Bewölkung Pilwitus |     |     |     |     |                 |           |             |            |         |         |         |
|-----------------|--|--------------------|-----|-----|-----|-----|-----------------|-----------|-------------|------------|---------|---------|---------|
| Datum<br>Kupäew | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |                    |     |     |     |     | F o r m K u j u |           |             |            |         |         |         |
|                 | 7h   | 10h                | 13h | 16h | 19h | 22h | 7h              | 10h       | 13h         | 16h        | 19h     | 21h     | 22h     |
|                 |  |                    |     |     |     |     |                 |           |             |            |         |         |         |
| 1               | 10   | 10                 | 10  | 9   | 8   | 10  | SCu             | SCu       | SCu         | Nb         | SCu     | St      | St      |
| 2               | 9  | 10                 | 7   | 4   | 1   | 0   | SCu             | SCu       | ⊙ Ci,CiS,Cu | ⊙ FrCu,CiS | FrCu    | —       | —       |
| 3               | 2  | 1                  | 8   | 1   | 1   | 0   | ⊙ FrCu          | ⊙ FrCu    | Cu          | ⊙ Cu       | SCu     | St      | —       |
| 4               | 8  | 3                  | 2   | 1   | 0   | 0   | ⊙ Ci            | ⊙ Ci      | ⊙ Ci        | ⊙ Ci       | —       | St      | —       |
| 5               | 10   | 10                 | 10  | 10  | 10  | 9   | St              | St        | SCu         | SCu        | SCu     | SCu     | St      |
| 6               | 10   | 7                  | 10  | 10  | 10  | 2   | St              | ⊙ FrCu    | FrCu,SCu    | SCu        | St,AS   | St      | St      |
| 7               | 10   | 10                 | 10  | 9   | 3   | 1   | St              | St,FrCu   | Nb          | St         | SCu     | St      | St      |
| 8               | 10   | 8                  | 1   | 9   | 7   | 10  | St              | ⊙ ACu     | ⊙ CiS       | ACu,SCu    | ACu,SCu | SCu     | SCu     |
| 9               | 10   | 10                 | 10  | 10  | 10  | 5   | Nb              | St        | St          | Nb         | Nb      | St      | AS      |
| 10              | 1  | 2                  | 1   | 2   | 1   | 0   | ⊙ St            | ⊙ Ci,FrSt | ⊙ FrCu      | ⊙ Ci,FrCu  | CiS     | —       | —       |
| 11              | 1  | 0                  | 0   | 1   | 0   | 1   | ⊙ FrCu          | ⊙ —       | ⊙ —         | ⊙ Ci       | —       | St      | St      |
| 12              | 9  | 10                 | 10  | 10  | 10  | 10  | ACu,St          | St        | St          | St         | St      | Nb      | ≡       |
| 13              | 10   | 10                 | 10  | 9   | 10  | 10  | ≡               | ≡         | St          | ACu,St     | St,ACu  | ASt     | Nb      |
| 14              | 9  | 7                  | 6   | 1   | 4   | 6   | ACu,SCu         | ⊙ ACu     | ⊙ Ci,ACu    | ⊙ St       | St,FrSt | ACu     | ACu     |
| 15              | 8  | 2                  | 3   | 5   | 1   | 10  | Ci,SCu          | CiCu,SCu  | Ci,ACu      | ACu        | Ci,St   | ASt     | ≡       |
| 16              | 10   | 10                 | 10  | 10  | 10  | 10  | ≡               | ≡         | ≡           | ≡          | ≡       | ≡       | ≡       |
| 17              | 10   | 9                  | 1   | 1   | 1   | 1   | ≡               | SCu,FrSt  | ⊙ St        | ⊙ CiS      | ACu     | ACu     | CiS     |
| 18              | 9  | 6                  | 1   | 1   | 2   | 1   | SCu,ACu         | ⊙ ACu     | ⊙ ACu       | ⊙ ACu      | CiCu    | CiS     | CiS     |
| 19              | 1  | 1                  | 1   | 1   | 1   | 0   | ⊙ ≡             | ⊙ St      | ⊙ St        | ⊙ St       | ≡       | —       | —       |
| 20              | 10   | 10                 | 9   | 1   | 1   | 1   | St              | St        | SCu         | ⊙ SCu      | ACu     | ACu     | ACu     |
| 21              | 1  | 1                  | 2   | 8   | 8   | 9   | ⊙ St            | ⊙ ACu     | ⊙ CiS,SCu   | ⊙ Ci       | CiS,ASt | CiS,ASt | ASt,CiS |
| 22              | 10   | 10                 | 9   | 10  | 10  | 9   | SCu             | SCu       | SCu         | SCu        | SCu     | SCu     | SCu     |
| 23              | 10   | 10                 | 10  | 10  | 10  | 10  | St              | St        | St          | St         | St      | St      | St      |
| 24              | 10   | 10                 | 10  | 9   | 9   | 9   | Nb              | St        | St          | SCu        | SCu     | SCu     | SCu     |
| 25              | 3  | 9                  | 10  | 10  | 7   | 3   | ⊙ CiS,SCu       | SCu       | St,SCu      | SCu        | SCu     | St      | St      |
| 26              | 10   | 10                 | 10  | 10  | 10  | 10  | St              | Nb        | St          | Nb         | Nb      | Nb      | Nb      |
| 27              | 10   | 10                 | 10  | 10  | 10  | 10  | ≡               | ≡         | Nb          | Nb         | Nb      | Nb      | Nb      |
| 28              | 10   | 10                 | 10  | 10  | 10  | 10  | ≡               | Nb        | St          | St         | St      | Nb      | St      |
| 29              | 10   | 10                 | 10  | 10  | 10  | 10  | St              | St        | St          | St         | SCu     | ≡       | ≡       |
| 30              | 10   | 10                 | 10  | 10  | 10  | 10  | St              | St,SCu    | St          | St         | St      | St      | St      |
| 31              | 10   | 10                 | 10  | 10  | 10  | 10  | St              | St        | St,SCu      | St         | St      | St      | St      |

## Stundenmittel Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>° | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|-------|-----------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N-S   | E-W   |                       |                                   |   |
| 1                | 0.14                         | 0.62 | 1.14 | 1.18 | —0.99 | —0.55 | 209                   | 1.14                              | 2.66                                    |
| 4                | 0.15                         | 0.56 | 1.29 | 1.08 | —1.14 | —0.53 | 205                   | 1.26                              | 2.66                                    |
| 7                | 0.13                         | 0.53 | 1.30 | 1.06 | —1.17 | —0.53 | 204                   | 1.28                              | 2.58                                    |
| 10               | 0.13                         | 0.57 | 1.33 | 1.31 | —1.20 | —0.74 | 212                   | 1.41                              | 2.88                                    |
| 13               | 0.18                         | 0.67 | 1.41 | 1.38 | —1.23 | —0.71 | 210                   | 1.42                              | 3.14                                    |
| 16               | 0.13                         | 0.80 | 1.21 | 1.22 | —1.08 | —0.42 | 201                   | 1.16                              | 2.88                                    |
| 19               | 0.14                         | 0.67 | 1.22 | 1.28 | —1.09 | —0.61 | 209                   | 1.25                              | 2.84                                    |
| 22               | 0.08                         | 0.63 | 1.16 | 1.26 | —1.08 | —0.64 | 211                   | 1.25                              | 2.73                                    |
| Mittel<br>keskm. | 0.13                         | 0.63 | 1.26 | 1.22 | —1.12 | —0.59 | 208                   | 1.27                              | 2.80                                    |



Oktober 1918 Oktober.

| Datum<br>Kuupäev | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d   |
|------------------|---------------------------------|--------|-------------------------------------|--|--|
|                  | 7h—21h                          | 21h—7h |                                     |  |  |
| 1                | 0.4                             | —      | 2.2                                 | 79   | ● p.   |
| 2                | 0.2                             | —      | 0.7                                 | 79   | ● 7 <sup>b</sup> 8 <sup>m</sup> —12 <sup>m</sup> , 9 <sup>b</sup> 5 <sup>m</sup> —20 <sup>m</sup> ; □ n.   |
| 3                | —                               | —      | 1.3                                 | 83   | □ n.   |
| 4                | —                               | —      | 0.8                                 | 84   | □ n.   |
| 5                | 6.5                             | 0.7    | 0.5                                 | 87   | ● 8 <sup>b</sup> 27 <sup>m</sup> —10 <sup>b</sup> 55 <sup>m</sup> , 14 <sup>b</sup> 8 <sup>m</sup> mit Unterbr.—n;<br>[ 15 <sup>b</sup> 25 <sup>m</sup> —30 <sup>m</sup> . |
| 6                | —                               | 0.0    | 1.1                                 | 89   | ● <sup>0</sup> n.  |
| 7                | 0.9                             | 0.1    | 0.6                                 | 89   | ● <sup>0</sup> a, p, n; ● 15 <sup>b</sup> 30 <sup>m</sup> —50 <sup>m</sup> .   |
| 8                | —                               | 5.4    | 0.8                                 | 94   | ● n  |
| 9                | 7.0                             | 0.2    | 0.2                                 | 97   | ● —9 <sup>b</sup> , 12 <sup>b</sup> 25 <sup>m</sup> mit Unterbrechungen—n.   |
| 10               | —                               | —      | 1.4                                 | 98   | □ n.   |
| 11               | —                               | 0.4    | 1.5                                 | 100  | ● n.   |
| 12               | 0.1                             | 1.4    | 0.2                                 | 101  | ● 20 <sup>b</sup> 10 <sup>m</sup> —n; ≡ 19 <sup>b</sup> 20 <sup>n</sup> —n.  |
| 13               | 0.1                             | 1.3    | 0.1                                 | 101  | ≡ —10 <sup>b</sup> 55 <sup>m</sup> ; ● <sup>0</sup> p; ● n.  |
| 14               | —                               | 1.7    | 1.0                                 | 100  | ● n.   |
| 15               | —                               | 0.4    | 0.4                                 | 97   | ≡, ● n.  |
| 16               | 0.1                             | 0.3    | 0.0                                 | 96   | ≡ —n; ● p, n.  |
| 17               | —                               | —      | 0.4                                 | 96   | ≡ a; □ n.  |
| 18               | —                               | —      | 0.4                                 | 95   | ψ 18 <sup>b</sup> 45 <sup>m</sup> —55 <sup>m</sup> ; ∅ 22 <sup>b</sup> ; □ n.  |
| 19               | —                               | —      | 0.5                                 | 92   | □ n.   |
| 20               | 0.0                             | —      | 0.9                                 | 88   | ● <sup>0</sup> 10 <sup>b</sup> 40 <sup>m</sup> —11 <sup>b</sup> ; □ n.   |
| 21               | —                               | —      | 0.7                                 | 84   | ψ 19 <sup>b</sup> , 23 <sup>b</sup> 30 <sup>m</sup> .  |
| 22               | —                               | —      | 0.8                                 | 81   |  |
| 23               | —                               | 0.3    | 0.7                                 | 78   | ● n.   |
| 24               | 2.6                             | —      | 0.4                                 | 78   | ● a; ● <sup>0</sup> p; □ n.  |
| 25               | —                               | —      | 0.4                                 | 74   | □ n.   |
| 26               | 5.8                             | 2.0    | 0.0                                 | 74   | ● <sup>0</sup> a; ● p, n; ≡ n.   |
| 27               | 14.0                            | 8.6    | 0.1                                 | 74   | ≡ a; ● p, n.   |
| 28               | 1.2                             | 2.5    | 0.1                                 | 87   | ● <sup>0</sup> , ≡ a; ● p, n.  |
| 29               | —                               | 0.1    | 0.0                                 | 100  | ≡ n.   |
| 30               | —                               | —      | 0.2                                 | 103  | ≡ a.   |
| 31               | 0.1                             | —      | 0.4                                 | 103  | ● <sup>0</sup> a; ≡ a, n.  |

k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 58.02                         | 6.90                                | 93                                     | —                          | 1                |
| 57.88                         | 6.74                                | 94                                     | —                          | 4                |
| 57.96                         | 6.70                                | 95                                     | 8.1                        | 7                |
| 58.35                         | 8.36                                | 91                                     | 7.6                        | 10               |
| 58.33                         | 10.56                               | 80                                     | 7.1                        | 13               |
| 58.15                         | 10.24                               | 80                                     | 6.8                        | 16               |
| 58.32                         | 8.35                                | 87                                     | 6.3                        | 19               |
| 58.65                         | 7.34                                | 91                                     | 6.0                        | 22               |
| 58.21                         | 8.15                                | 89                                     | 7.0                        | Mittel<br>keskm. |

## November 1918 November.

| Datum<br>Kupäew | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatur (C°) temperatuur |      |      |      |      |      |      |      |
|-----------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------|------|------|------|------|------|------|------|
|                 | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                          | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  |
| 1               | 66.0                              | 64.5 | 63.9 | 63.7 | 63.2 | 63.0 | 63.2 | 64.0 | 6.9                         | 6.0  | 4.3  | 4.7  | 7.1  | 6.4  | 4.4  | 2.7  |
| 2               | 64.1                              | 64.2 | 64.7 | 65.3 | 65.4 | 65.2 | 65.3 | 65.3 | 1.4                         | 1.0  | 0.4  | 2.2  | 4.1  | 4.4  | 1.9  | 0.4  |
| 3               | 65.3                              | 64.8 | 64.5 | 64.3 | 63.2 | 63.2 | 63.4 | 63.5 | -0.2                        | -0.6 | 0.4  | 1.4  | 2.9  | 3.7  | 4.2  | 4.7  |
| 4               | 63.5                              | 63.1 | 62.9 | 62.8 | 62.8 | 63.0 | 63.8 | 64.0 | 4.3                         | 3.8  | 3.4  | 4.0  | 4.8  | 4.8  | 4.6  | 4.6  |
| 5               | 64.3                              | 64.1 | 64.3 | 64.5 | 64.3 | 64.5 | 64.4 | 64.2 | 4.5                         | 4.4  | 4.5  | 5.0  | 5.6  | 5.2  | 5.0  | 5.0  |
| 6               | 63.9                              | 63.1 | 62.8 | 63.3 | 64.0 | 64.6 | 65.3 | 66.3 | 5.3                         | 6.0  | 6.8  | 7.3  | 8.4  | 8.8  | 8.7  | 8.6  |
| 7               | 67.0                              | 67.7 | 67.9 | 68.0 | 68.2 | 67.9 | 67.1 | 67.0 | 8.4                         | 8.3  | 8.3  | 9.0  | 9.8  | 9.8  | 9.9  | 7.1  |
| 8               | 67.2                              | 66.9 | 66.3 | 67.0 | 66.8 | 66.5 | 66.0 | 65.1 | 4.3                         | 4.4  | 4.5  | 3.8  | 3.7  | 3.3  | 2.0  | 3.2  |
| 9               | 64.7                              | 64.6 | 64.2 | 64.4 | 64.6 | 64.9 | 65.7 | 66.1 | 3.8                         | 3.7  | 3.8  | 4.7  | 5.0  | 5.1  | 5.5  | 6.0  |
| 10              | 66.6                              | 66.5 | 66.5 | 67.5 | 67.4 | 67.6 | 68.0 | 68.0 | 6.0                         | 6.0  | 6.0  | 5.5  | 5.8  | 5.3  | 4.5  | 3.8  |
| 11              | 67.3                              | 65.6 | 64.0 | 62.0 | 59.7 | 57.0 | 55.0 | 53.5 | 3.0                         | 2.8  | 2.3  | 3.5  | 5.0  | 4.2  | 3.6  | 3.3  |
| 12              | 51.9                              | 51.0 | 50.7 | 51.2 | 51.8 | 52.8 | 53.7 | 54.3 | 3.3                         | 3.8  | 4.2  | 4.0  | 3.7  | 3.0  | 1.7  | 1.0  |
| 13              | 54.6                              | 55.0 | 55.3 | 56.3 | 57.2 | 58.3 | 59.3 | 60.4 | 0.5                         | -0.4 | -0.1 | 0.5  | 1.3  | 1.1  | 0.7  | 1.0  |
| 14              | 61.4                              | 62.2 | 62.9 | 64.0 | 64.1 | 64.9 | 65.3 | 65.4 | 0.4                         | -0.8 | -1.8 | -0.8 | 0.4  | 0.6  | -0.6 | -1.0 |
| 15              | 65.2                              | 64.3 | 63.9 | 63.9 | 63.6 | 63.3 | 63.6 | 63.7 | 0.0                         | 1.0  | 1.4  | 3.0  | 4.7  | 5.3  | 5.4  | 5.1  |
| 16              | 63.8                              | 63.7 | 63.4 | 63.1 | 62.7 | 62.3 | 62.0 | 61.6 | 4.0                         | 3.4  | 2.8  | 3.0  | 3.3  | 2.2  | 3.4  | 4.8  |
| 17              | 61.1                              | 60.8 | 60.3 | 60.0 | 59.5 | 59.0 | 58.7 | 58.1 | 4.7                         | 4.5  | 4.3  | 4.6  | 5.2  | 5.0  | 4.3  | 4.3  |
| 18              | 57.9                              | 57.0 | 56.1 | 55.9 | 55.4 | 55.4 | 55.2 | 55.1 | 4.4                         | 4.3  | 4.3  | 4.1  | 3.5  | 2.7  | 2.5  | 0.7  |
| 19              | 54.6                              | 53.8 | 53.6 | 54.1 | 54.5 | 54.2 | 54.2 | 54.4 | 0.5                         | 0.4  | 0.2  | 0.8  | 1.6  | 0.8  | 0.0  | -1.2 |
| 20              | 54.5                              | 54.2 | 54.0 | 54.6 | 54.8 | 56.0 | 57.8 | 60.0 | -2.0                        | -2.6 | -3.2 | -2.7 | -1.3 | -2.0 | -3.2 | -4.1 |
| 21              | 61.6                              | 63.0 | 64.4 | 66.3 | 66.5 | 66.3 | 65.3 | 64.2 | -5.4                        | -6.2 | -7.0 | -6.8 | -4.4 | -4.5 | -4.0 | -3.5 |
| 22              | 62.9                              | 61.2 | 57.3 | 55.3 | 53.6 | 53.7 | 54.6 | 54.4 | -2.8                        | -1.9 | -0.8 | 0.0  | 2.1  | 3.4  | 3.9  | 4.0  |
| 23              | 54.4                              | 53.9 | 53.8 | 54.0 | 54.2 | 54.5 | 54.6 | 54.2 | 4.0                         | 3.8  | 3.3  | 3.9  | 5.8  | 4.6  | 3.1  | 1.9  |
| 24              | 53.9                              | 53.7 | 53.6 | 54.2 | 54.7 | 55.2 | 56.1 | 57.2 | 2.8                         | 3.6  | 3.8  | 3.7  | 4.3  | 4.3  | 4.0  | 3.8  |
| 25              | 58.2                              | 58.5 | 59.3 | 60.0 | 60.7 | 61.2 | 61.7 | 61.8 | 3.5                         | 3.1  | 2.2  | 2.2  | 2.5  | 1.8  | 1.1  | 0.3  |
| 26              | 61.9                              | 62.0 | 61.5 | 61.7 | 61.3 | 61.1 | 60.9 | 60.7 | -1.0                        | -1.7 | -3.1 | -4.1 | -3.2 | -4.0 | -4.5 | -5.3 |
| 27              | 60.4                              | 60.0 | 59.6 | 57.7 | 59.8 | 59.6 | 59.3 | 59.2 | -6.0                        | -4.4 | -3.5 | -2.9 | -2.1 | -1.6 | -1.5 | -1.6 |
| 28              | 59.4                              | 59.3 | 59.3 | 59.5 | 59.4 | 59.7 | 60.1 | 60.4 | -1.9                        | -3.0 | -4.0 | -3.2 | -2.2 | -2.3 | -2.6 | -2.7 |
| 29              | 60.0                              | 59.3 | 59.6 | 59.0 | 58.9 | 59.0 | 59.3 | 59.6 | -2.8                        | -3.5 | -4.0 | -4.8 | -5.3 | -5.6 | -5.7 | -5.8 |
| 30              | 60.1                              | 60.7 | 60.9 | 62.0 | 62.3 | 63.1 | 63.7 | 64.4 | -5.5                        | -5.0 | -4.5 | -4.2 | -4.0 | -3.0 | -2.6 | -2.4 |

## Ergänzende Beobachtungen um 21h.

|                 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Luftdruck       | 63.7 | 65.3 | 63.5 | 64.0 | 64.2 | 66.1 | 67.0 | 65.4 | 65.9 | 68.1 | 54.2 | 54.2 | 60.3 | 65.4 | 63.7 |
| õhurõhumine     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Temperatur      | 3.2  | 0.8  | 4.0  | 4.7  | 5.0  | 8.6  | 8.9  | 3.1  | 5.8  | 3.7  | 3.2  | 1.2  | 1.0  | -1.2 | 5.2  |
| temperatuur     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Relat. Feucht.  | 87   | 96   | 94   | 91   | 97   | 96   | 84   | 90   | 96   | 97   | 83   | 93   | 93   | 97   | 93   |
| relat. niiskus  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Bewölkung       | 0    | 1    | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 9    | 10   | 10   | 10   |
| pilwitus        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Tempe-<br>ratur | 8.3  | 4.8  | 4.0  | 4.8  | 5.7  | 9.0  | 10.3 | 9.5  | 6.5  | 6.0  | 5.3  | 5.2  | 2.5  | 1.4  | 5.7  |
| { max           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| { min.          | 3.0  | -0.3 | -1.0 | 3.2  | 4.0  | 5.0  | 8.1  | 1.4  | 3.0  | 3.5  | 2.0  | 0.7  | -0.8 | -2.5 | -1.6 |

## November 1918 November.

| Datum<br>Kuupäew | Relative Feuchtigkeith<br>relatiivne niiskus |    |     |     |     |     |     |     | Absolute Feuchtigkeith<br>absoluutne niiskus |     |     | Kompletive Feuchtigkeith<br>täisniiskuse puudus |     |     | Feuchtes Thermometer<br>määr termomeeter |      |      |
|------------------|--|----|-----|-----|-----|-----|-----|-----|--|-----|-----|---|-----|-----|--|------|------|
|                  | 1h   | 4h | 7h  | 10h | 13h | 16h | 19h | 22h | 7h   | 13h | 21h | 7h  | 13h | 21h | 7h                                       | 13h  | 21h  |
| 1                | 95   | 92 | 92  | 88  | 78  | 79  | 83  | 88  | 5.7  | 5.8 | 5.0 | 0.5   | 1.7 | 0.7 | 3.8                                      | 5.4  | 2.4  |
| 2                | 93   | 96 | 96  | 97  | 86  | 80  | 92  | 98  | 4.5  | 5.3 | 4.7 | 0.2   | 0.8 | 0.2 | 0.2                                      | 3.2  | 0.6  |
| 3                | 99   | 99 | 95  | 94  | 92  | 91  | 93  | 94  | 4.4  | 5.2 | 5.7 | 0.2   | 0.4 | 0.4 | 0.1                                      | 2.4  | 3.6  |
| 4                | 93   | 93 | 94  | 93  | 91  | 88  | 91  | 91  | 5.5  | 5.8 | 5.8 | 0.4   | 0.6 | 0.6 | 3.0                                      | 4.2  | 4.1  |
| 5                | 90   | 90 | 91  | 91  | 92  | 97  | 95  | 96  | 5.7  | 6.2 | 6.3 | 0.6   | 0.6 | 0.2 | 3.9                                      | 5.0  | 4.8  |
| 6                | 95   | 94 | 92  | 93  | 94  | 93  | 96  | 97  | 6.8  | 7.7 | 8.0 | 0.6   | 0.5 | 0.3 | 6.2                                      | 7.9  | 8.3  |
| 7                | 97   | 98 | 100 | 99  | 98  | 92  | 87  | 84  | 8.2  | 8.8 | 7.1 | 0.0   | 0.2 | 1.4 | 8.3                                      | 9.6  | 7.4  |
| 8                | 75   | 78 | 90  | 91  | 86  | 89  | 89  | 90  | 5.6  | 5.1 | 5.2 | 0.6   | 0.8 | 0.5 | 3.8                                      | 2.8  | 2.5  |
| 9                | 89   | 89 | 94  | 95  | 94  | 94  | 94  | 95  | 5.6  | 6.1 | 6.6 | 0.4   | 0.4 | 0.3 | 3.4                                      | 4.6  | 5.5  |
| 10               | 97   | 96 | 96  | 98  | 97  | 90  | 94  | 97  | 6.7  | 6.7 | 5.8 | 0.3   | 0.2 | 0.2 | 5.7                                      | 5.6  | 3.5  |
| 11               | 96   | 96 | 95  | 95  | 83  | 85  | 85  | 84  | 5.1  | 5.4 | 4.8 | 0.3   | 1.1 | 1.0 | 2.0                                      | 3.8  | 2.1  |
| 12               | 93   | 94 | 96  | 93  | 92  | 90  | 95  | 94  | 5.9  | 5.5 | 4.6 | 0.3   | 0.4 | 0.3 | 3.9                                      | 3.2  | 0.8  |
| 13               | 92   | 94 | 97  | 98  | 93  | 92  | 90  | 94  | 4.4  | 4.7 | 4.6 | 0.1   | 0.4 | 0.3 | -0.4                                     | 0.9  | 0.6  |
| 14               | 96   | 96 | 98  | 97  | 96  | 90  | 96  | 98  | 3.9  | 4.5 | 4.1 | 0.1   | 0.2 | 0.1 | -1.9                                     | 0.2  | -1.6 |
| 15               | 97   | 98 | 100 | 100 | 99  | 98  | 93  | 93  | 5.0  | 6.3 | 6.1 | 0.0   | 0.1 | 0.5 | 1.4                                      | 4.6  | 4.7  |
| 16               | 95   | 96 | 97  | 97  | 98  | 98  | 98  | 91  | 5.4  | 5.7 | 6.0 | 0.2   | 0.1 | 0.4 | 2.6                                      | 3.2  | 4.3  |
| 17               | 90   | 92 | 94  | 94  | 96  | 96  | 97  | 97  | 5.8  | 6.3 | 6.0 | 0.4   | 0.3 | 0.2 | 3.9                                      | 4.9  | 4.0  |
| 18               | 96   | 96 | 95  | 95  | 95  | 94  | 94  | 95  | 5.9  | 5.6 | 4.6 | 0.3   | 0.3 | 0.2 | 4.0                                      | 3.2  | 0.5  |
| 19               | 96   | 97 | 98  | 99  | 93  | 79  | 89  | 96  | 4.6  | 4.8 | 4.0 | 0.1   | 0.3 | 0.3 | 0.1                                      | 1.2  | -1.2 |
| 20               | 99   | 98 | 97  | 97  | 97  | 81  | 85  | 89  | 3.5  | 4.0 | 3.1 | 0.1   | 0.1 | 0.4 | -3.3                                     | -1.4 | -4.3 |
| 21               | 91   | 89 | 87  | 93  | 78  | 84  | 84  | 89  | 2.4  | 2.6 | 3.0 | 0.4   | 0.7 | 0.4 | -7.5                                     | -5.4 | -4.3 |
| 22               | 89   | 91 | 91  | 94  | 95  | 96  | 93  | 91  | 3.9  | 5.0 | 5.6 | 0.4   | 0.3 | 0.5 | -1.3                                     | 1.8  | 3.5  |
| 23               | 90   | 90 | 92  | 90  | 85  | 90  | 94  | 91  | 5.3  | 5.8 | 4.6 | 0.4   | 1.1 | 0.3 | 2.8                                      | 4.7  | 0.8  |
| 24               | 90   | 89 | 88  | 87  | 92  | 91  | 92  | 96  | 5.3  | 5.7 | 5.8 | 0.7   | 0.5 | 0.3 | 3.0                                      | 3.8  | 3.7  |
| 25               | 96   | 96 | 93  | 93  | 92  | 93  | 97  | 95  | 5.0  | 5.0 | 4.6 | 0.4   | 0.4 | 0.2 | 1.8                                      | 2.0  | 0.4  |
| 26               | 91   | 91 | 90  | 90  | 83  | 86  | 90  | 87  | 3.3  | 3.0 | 2.6 | 0.4   | 0.6 | 0.5 | -3.6                                     | -4.0 | -5.7 |
| 27               | 91   | 90 | 88  | 87  | 88  | 89  | 90  | 91  | 3.1  | 3.4 | 3.7 | 0.4   | 0.5 | 0.4 | -4.2                                     | -2.7 | -2.1 |
| 28               | 92   | 90 | 91  | 92  | 92  | 90  | 91  | 93  | 3.1  | 3.6 | 3.4 | 0.3   | 0.3 | 0.4 | -4.5                                     | -2.6 | -3.2 |
| 29               | 94   | 92 | 91  | 91  | 91  | 90  | 92  | 90  | 3.1  | 2.8 | 2.8 | 0.3   | 0.3 | 0.2 | -4.5                                     | -5.7 | -6.1 |
| 30               | 91   | 89 | 90  | 90  | 93  | 99  | 93  | 93  | 3.0  | 3.2 | 3.6 | 0.3   | 0.2 | 0.3 | -5.2                                     | -4.3 | -2.8 |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 61.6 | 58.3 | 55.1 | 54.1 | 59.2 | 64.5 | 54.5 | 54.0 | 56.8 | 61.9 | 60.8 | 59.2 | 60.5 | 59.3 | 63.9 | 61.16            |
| 4.7  | 4.2  | 0.8  | -0.9 | -3.7 | -3.7 | 4.0  | 1.2  | 4.0  | 0.6  | -5.0 | -1.6 | -2.7 | -5.7 | -2.4 | 1.70             |
| 94   | 97   | 95   | 93   | 89   | 87   | 92   | 93   | 95   | 96   | 84   | 90   | 90   | 92   | 93   | 92               |
| 10   | 10   | 10   | 6    | 1    | 1    | 10   | 7    | 10   | 10   | 0    | 10   | 10   | 10   | 10   | 8.2              |
| 5.3  | 5.3  | 4.5  | 1.6  | 1.0  | -3.3 | 5.4  | 6.1  | 4.5  | 4.3  | 1.0  | -1.3 | -1.3 | -2.5 | -2.4 | 3.91             |
| 2.4  | 3.9  | 0.8  | -1.2 | -4.1 | -7.2 | -4.3 | 1.1  | 1.1  | 0.6  | -5.7 | -6.7 | -4.2 | -6.0 | -6.2 | -0.27            |

| Datum<br>Kuu päev | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |   |  |  |  |
|-------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|--|--|
|                   | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |   |  |  |  |
|                   | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |   |  |  |  |
| 1                 | 4.3                                 | 4.7 | 5.3 | 6.0 | 5.7 | 4.1 | 4.1 | 3.3 | —                 | 3.0 | 2.1 | —   | —   | 3.6 | 1.9 | —   | —   | 4.2 | 2.0 | —   | — |  |  |  |
| 2                 | 3.0                                 | 3.0 | 2.4 | 2.9 | 3.0 | 3.3 | 4.3 | 3.6 | —                 | 2.3 | 1.2 | —   | —   | 2.2 | 1.3 | —   | —   | 1.3 | 1.5 | —   | — |  |  |  |
| 3                 | 3.0                                 | 4.3 | 3.7 | 3.5 | 5.3 | 5.5 | 5.7 | 5.8 | —                 | 2.6 | 0.8 | —   | —   | 3.3 | 1.8 | —   | —   | 3.0 | 1.3 | —   | — |  |  |  |
| 4                 | 6.6                                 | 6.3 | 6.0 | 5.4 | 5.1 | 4.6 | 3.7 | 3.1 | —                 | 5.1 | 2.6 | —   | —   | 4.7 | 2.4 | —   | —   | 4.6 | 2.3 | —   | — |  |  |  |
| 5                 | 3.1                                 | 3.6 | 3.9 | 4.1 | 4.2 | 3.6 | 3.7 | 4.0 | —                 | 1.7 | 1.9 | —   | —   | 1.8 | 2.5 | —   | —   | 1.5 | 2.9 | —   | — |  |  |  |
| 6                 | 3.7                                 | 4.8 | 4.5 | 4.5 | 4.2 | 3.0 | 2.7 | 2.2 | —                 | 1.0 | 3.2 | —   | —   | 0.9 | 4.3 | —   | —   | 0.7 | 4.2 | —   | — |  |  |  |
| 7                 | 2.5                                 | 1.3 | 1.0 | 1.0 | 1.3 | 2.0 | 3.9 | 5.4 | —                 | —   | 1.3 | 1.7 | —   | —   | 0.9 | 0.7 | —   | —   | 1.1 | 0.1 | — |  |  |  |
| 8                 | 4.7                                 | 3.3 | 3.4 | 3.6 | 4.2 | 3.9 | 4.2 | 3.4 | —                 | 0.2 | 4.2 | 0.7 | —   | 0.1 | 2.8 | 0.9 | —   | —   | 2.9 | 0.9 | — |  |  |  |
| 9                 | 3.0                                 | 2.6 | 3.9 | 3.8 | 3.6 | 4.0 | 3.6 | 3.6 | —                 | —   | 2.4 | 1.1 | —   | —   | 2.2 | 0.8 | —   | 0.2 | 3.5 | 0.6 | — |  |  |  |
| 10                | 2.9                                 | 2.7 | 2.6 | 1.9 | 1.8 | 2.7 | 2.8 | 3.6 | —                 | —   | 1.9 | 1.6 | —   | —   | 1.8 | 1.3 | —   | —   | 1.1 | 1.7 | — |  |  |  |
| 11                | 2.8                                 | 3.5 | 3.8 | 4.6 | 5.6 | 5.9 | 6.0 | 6.1 | —                 | 0.1 | 2.5 | 0.7 | —   | —   | 3.3 | 0.7 | —   | —   | 3.3 | 1.0 | — |  |  |  |
| 12                | 5.6                                 | 4.6 | 3.4 | 4.3 | 4.9 | 3.0 | 3.7 | 3.2 | —                 | —   | 4.5 | 2.0 | —   | —   | 3.4 | 2.1 | —   | —   | 1.9 | 2.2 | — |  |  |  |
| 13                | 3.3                                 | 3.0 | 2.6 | 2.4 | 2.2 | 1.9 | 1.5 | 1.8 | —                 | —   | 1.5 | 2.8 | —   | —   | 1.1 | 2.4 | —   | —   | 0.8 | 2.3 | — |  |  |  |
| 14                | 2.1                                 | 2.0 | 1.9 | 2.0 | 1.8 | 1.8 | 2.9 | 3.3 | —                 | —   | —   | 2.2 | —   | —   | —   | 2.1 | —   | —   | 0.9 | 1.4 | — |  |  |  |
| 15                | 3.8                                 | 4.3 | 4.1 | 4.0 | 3.4 | 2.9 | 2.7 | 2.1 | —                 | —   | 1.8 | 2.9 | —   | —   | 1.5 | 3.5 | —   | —   | 1.3 | 3.4 | — |  |  |  |
| 16                | 1.8                                 | 1.6 | 2.0 | 2.6 | 3.6 | 3.3 | 2.9 | 2.1 | 1.3               | —   | —   | 1.0 | 0.2 | —   | —   | 1.6 | 0.8 | —   | —   | 1.6 | — |  |  |  |
| 17                | 2.5                                 | 2.6 | 2.6 | 3.1 | 3.3 | 3.1 | 3.3 | 3.1 | —                 | —   | 0.1 | 2.5 | —   | —   | 0.2 | 2.6 | —   | —   | 0.2 | 2.6 | — |  |  |  |
| 18                | 3.9                                 | 4.2 | 3.9 | 5.2 | 6.4 | 6.1 | 5.5 | 5.0 | —                 | —   | 1.1 | 3.5 | —   | —   | 1.4 | 3.5 | —   | —   | 0.9 | 3.5 | — |  |  |  |
| 19                | 4.5                                 | 3.6 | 2.3 | 1.8 | 1.8 | 1.9 | 2.4 | 2.1 | —                 | —   | 1.8 | 3.6 | —   | —   | 1.1 | 3.0 | —   | —   | 0.2 | 2.2 | — |  |  |  |
| 20                | 2.8                                 | 1.8 | 1.5 | 1.8 | 2.3 | 2.4 | 2.6 | 1.9 | —                 | —   | —   | 2.9 | —   | —   | 0.2 | 1.7 | 0.6 | —   | —   | 1.2 | — |  |  |  |
| 21                | 2.0                                 | 2.3 | 1.2 | 1.8 | 3.3 | 3.7 | 5.4 | 6.3 | 1.5               | —   | —   | 0.9 | 1.6 | —   | —   | 1.3 | 1.0 | —   | —   | 0.4 | — |  |  |  |
| 22                | 6.6                                 | 6.6 | 9.4 | 9.4 | 7.5 | 6.9 | 5.7 | 6.3 | —                 | —   | 3.1 | 5.0 | —   | —   | 3.5 | 4.6 | —   | —   | 4.6 | 6.3 | — |  |  |  |
| 23                | 5.7                                 | 5.8 | 5.6 | 5.6 | 6.7 | 6.1 | 6.3 | 6.6 | —                 | —   | 0.6 | 5.5 | —   | —   | 0.8 | 5.5 | —   | —   | 0.4 | 5.4 | — |  |  |  |
| 24                | 6.4                                 | 4.8 | 5.6 | 5.3 | 5.1 | 4.2 | 4.2 | 4.2 | —                 | —   | 2.0 | 5.5 | —   | —   | 1.6 | 4.1 | 0.2 | —   | 0.4 | 5.3 | — |  |  |  |
| 25                | 3.3                                 | 3.0 | 3.0 | 3.4 | 2.0 | 1.4 | 1.8 | 1.9 | —                 | —   | 0.3 | 3.2 | —   | —   | 1.1 | 2.5 | —   | —   | 1.2 | 2.4 | — |  |  |  |
| 26                | 2.0                                 | 3.0 | 3.8 | 3.4 | 3.0 | 3.0 | 3.0 | 2.5 | —                 | 1.1 | 1.4 | —   | —   | 2.0 | 1.8 | —   | —   | 3.0 | 1.6 | —   | — |  |  |  |
| 27                | 2.3                                 | 2.8 | 3.3 | 2.7 | 2.2 | 2.2 | 2.7 | 1.8 | —                 | 1.7 | 1.1 | —   | —   | 0.5 | 2.6 | —   | —   | —   | 3.3 | 0.1 | — |  |  |  |
| 28                | 2.1                                 | 2.9 | 2.2 | 1.8 | 2.1 | 2.7 | 2.4 | 1.7 | —                 | 1.6 | 0.9 | —   | —   | 1.9 | 1.9 | —   | —   | 0.9 | 1.8 | —   | — |  |  |  |
| 29                | 2.1                                 | 2.1 | 2.2 | 2.7 | 2.0 | 1.9 | 2.3 | 2.2 | —                 | 1.6 | 1.1 | —   | —   | 1.7 | 0.8 | —   | —   | 1.5 | 1.4 | —   | — |  |  |  |
| 30                | 2.2                                 | 1.7 | 1.2 | 1.1 | 0.9 | 2.0 | 2.4 | 1.9 | —                 | 0.7 | 1.9 | —   | —   | 0.6 | 1.2 | —   | —   | 0.7 | 0.9 | —   | — |  |  |  |

T a g e s m i t t e l

|                                  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Luftdruck<br>Öhurðhumine         | 63.94 | 64.94 | 64.02 | 63.24 | 64.32 | 64.16 | 67.60 | 66.48 | 64.90 | 67.26 | 60.51 | 52.18 | 57.05 | 63.78 | 63.94 |
| Temperatur<br>temperatuur        | 5.31  | 1.98  | 2.06  | 4.29  | 4.90  | 7.49  | 8.82  | 3.65  | 4.70  | 5.36  | 3.46  | 3.09  | 0.58  | -0.45 | 3.24  |
| Relat. Feucht.<br>relat. niiskus | 87    | 92    | 95    | 92    | 93    | 94    | 94    | 86    | 93    | 96    | 90    | 93    | 94    | 96    | 97    |
| Absol. Feucht<br>absol. niiskus  | 5.50  | 4.83  | 5.10  | 5.70  | 6.07  | 7.50  | 8.03  | 5.30  | 6.10  | 6.40  | 5.18  | 5.33  | 4.57  | 4.17  | 5.80  |
| Kömpl. Feucht.<br>Kömpl. pundus  | 0.97  | 0.40  | 0.33  | 0.53  | 0.47  | 0.47  | 0.53  | 0.63  | 0.37  | 0.23  | 0.80  | 0.33  | 0.27  | 0.13  | 0.20  |

## November 1918 November.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |
| —                                    | 4.7 | 2.3 | —   | —   | 4.2 | 2.2 | —   | —   | 3.2 | 1.6 | —   | —   | 3.1 | 1.8 | —   | —   | 2.3 | 1.6 | —   | —               | 3.54 | 1.94 | —    |
| —                                    | 1.6 | 1.7 | —   | —   | 1.3 | 2.0 | —   | —   | 2.7 | 1.2 | —   | —   | 3.1 | 2.0 | —   | —   | 2.8 | 1.3 | —   | —               | 2.16 | 1.52 | —    |
| —                                    | 3.1 | 0.8 | —   | —   | 4.2 | 1.7 | —   | —   | 4.5 | 2.2 | —   | —   | 3.8 | 2.4 | —   | —   | 4.3 | 2.7 | —   | —               | 3.60 | 1.71 | —    |
| —                                    | 3.9 | 2.4 | —   | —   | 3.1 | 2.6 | —   | —   | 3.1 | 2.4 | —   | —   | 1.9 | 2.5 | —   | —   | 1.7 | 1.9 | —   | —               | 3.51 | 2.39 | —    |
| —                                    | 1.7 | 3.1 | —   | —   | 1.2 | 3.5 | —   | —   | 1.5 | 2.7 | —   | —   | 0.8 | 3.4 | —   | —   | 0.7 | 3.6 | —   | —               | 1.36 | 2.95 | —    |
| —                                    | 0.6 | 4.0 | 0.6 | —   | —   | 3.3 | 1.7 | —   | —   | 2.3 | 1.6 | —   | —   | 1.8 | 1.6 | —   | —   | 1.7 | 1.1 | —               | 0.40 | 3.10 | 0.82 |
| —                                    | 0.1 | 0.9 | 0.1 | —   | 0.2 | 1.2 | —   | —   | 0.1 | 2.1 | —   | —   | 0.3 | 3.7 | 0.3 | —   | 0.9 | 5.1 | 0.2 | —               | 0.20 | 2.04 | 0.39 |
| —                                    | 0.1 | 3.1 | 1.0 | —   | 0.2 | 4.0 | 0.3 | —   | 0.3 | 3.7 | 0.3 | —   | 0.3 | 4.0 | 0.3 | —   | 0.1 | 3.0 | 0.6 | —               | 0.16 | 3.46 | 0.62 |
| —                                    | —   | 3.3 | 0.9 | —   | —   | 3.0 | 1.0 | —   | 0.1 | 3.2 | 1.3 | —   | —   | 2.9 | 1.4 | —   | —   | 2.5 | 1.7 | —               | 0.04 | 2.88 | 1.10 |
| —                                    | —   | 0.8 | 1.3 | —   | —   | 1.5 | 0.7 | —   | —   | 1.7 | 1.5 | —   | —   | 1.8 | 1.7 | —   | 0.1 | 2.2 | 2.0 | —               | 0.01 | 1.60 | 1.48 |
| —                                    | —   | 4.0 | 1.6 | —   | —   | 4.6 | 2.0 | —   | —   | 5.4 | 1.1 | —   | —   | 5.1 | 2.0 | —   | 0.2 | 4.9 | 2.4 | —               | 0.04 | 4.14 | 1.44 |
| —                                    | —   | 2.2 | 3.2 | —   | —   | 1.9 | 3.9 | —   | —   | 1.3 | 2.3 | —   | —   | 1.6 | 2.9 | —   | —   | 1.2 | 1.8 | —               | —    | 2.25 | 2.55 |
| —                                    | —   | 0.3 | 2.2 | —   | —   | —   | 2.3 | —   | —   | —   | 2.0 | 0.1 | —   | 0.1 | 1.3 | 0.1 | —   | 0.1 | 1.5 | 0.02            | —    | 0.49 | 2.10 |
| —                                    | —   | 0.2 | 2.0 | —   | —   | 0.5 | 1.5 | —   | —   | 0.5 | 1.5 | —   | —   | 1.2 | 2.3 | —   | —   | 1.3 | 2.6 | 0.12            | —    | 0.58 | 1.95 |
| —                                    | —   | 1.1 | 3.5 | —   | —   | 0.2 | 3.3 | —   | —   | 0.1 | 2.9 | 0.2 | —   | —   | 2.6 | 0.8 | —   | —   | 1.7 | —               | —    | 0.75 | 2.98 |
| 0.1                                  | —   | 0.1 | 2.6 | 0.1 | —   | 0.1 | 3.5 | 0.2 | —   | 0.1 | 3.2 | —   | —   | 0.2 | 2.9 | —   | —   | —   | 2.1 | 0.34            | —    | 0.06 | 2.31 |
| —                                    | —   | 0.5 | 3.0 | —   | —   | 0.3 | 3.2 | —   | —   | 0.8 | 2.8 | —   | —   | 1.0 | 2.8 | —   | —   | 1.0 | 2.6 | —               | —    | 0.51 | 2.76 |
| —                                    | —   | 2.0 | 4.2 | —   | —   | 2.6 | 5.1 | —   | —   | 2.3 | 4.9 | —   | —   | 2.3 | 4.4 | —   | —   | 1.9 | 4.0 | —               | —    | 1.81 | 4.14 |
| —                                    | —   | —   | 1.9 | —   | —   | 1.1 | 1.2 | —   | —   | 0.2 | 1.9 | —   | —   | 0.2 | 2.4 | —   | —   | 0.6 | 1.9 | —               | —    | 0.65 | 2.26 |
| 1.3                                  | —   | —   | 1.0 | 2.2 | —   | —   | 0.3 | 2.4 | —   | —   | 0.1 | 2.6 | —   | —   | 0.2 | 1.7 | 0.5 | —   | 0.1 | 1.35            | 0.06 | 0.02 | 0.94 |
| —                                    | —   | 0.5 | 1.6 | —   | —   | 0.8 | 3.0 | —   | —   | 1.5 | 3.0 | —   | —   | 2.3 | 4.1 | —   | —   | 2.7 | 5.1 | 0.51            | —    | 0.98 | 2.42 |
| 0.2                                  | —   | 4.4 | 7.1 | 0.1 | —   | 1.4 | 6.8 | 0.1 | —   | 0.6 | 6.5 | —   | —   | 0.7 | 5.4 | —   | —   | 0.7 | 5.9 | 0.05            | —    | 2.38 | 5.95 |
| 0.1                                  | —   | 0.7 | 5.2 | 0.1 | —   | 0.6 | 6.5 | —   | —   | 1.3 | 5.6 | —   | —   | 2.4 | 5.1 | —   | —   | 2.4 | 5.5 | 0.02            | —    | 1.15 | 5.54 |
| —                                    | —   | 0.6 | 5.0 | 0.1 | —   | 0.5 | 4.9 | —   | —   | 0.6 | 4.0 | 0.1 | —   | 0.4 | 4.0 | —   | —   | 0.2 | 4.2 | 0.05            | —    | 0.79 | 4.62 |
| —                                    | —   | 1.2 | 2.8 | —   | —   | 0.8 | 1.5 | —   | —   | 1.1 | 0.2 | —   | —   | 1.7 | 0.2 | —   | —   | 1.9 | 0.1 | —               | —    | 1.16 | 1.61 |
| —                                    | 2.6 | 1.6 | —   | —   | 2.2 | 1.5 | —   | —   | 2.1 | 1.7 | —   | —   | 2.3 | 1.6 | —   | —   | 2.0 | 1.0 | —   | —               | 2.16 | 1.52 | —    |
| —                                    | 0.2 | 2.3 | 0.2 | —   | 1.1 | 1.7 | —   | —   | 0.7 | 1.9 | —   | —   | 1.3 | 2.2 | —   | —   | 1.1 | 1.0 | —   | —               | 0.82 | 2.01 | 0.04 |
| —                                    | 1.5 | 0.6 | —   | —   | 1.9 | 0.5 | —   | —   | 2.2 | 1.0 | —   | —   | 1.9 | 1.1 | —   | —   | 1.3 | 0.8 | —   | —               | 1.65 | 1.08 | —    |
| —                                    | 2.0 | 1.5 | —   | —   | 1.8 | 0.4 | —   | —   | 1.8 | 0.4 | —   | —   | 1.6 | 1.2 | —   | —   | 0.8 | 1.7 | —   | —               | 1.60 | 1.06 | —    |
| —                                    | 0.7 | 0.7 | —   | —   | 0.4 | 0.6 | —   | —   | 1.3 | 1.0 | —   | —   | 2.0 | 0.7 | —   | —   | 1.3 | 1.1 | —   | —               | 0.96 | 1.01 | —    |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | Mittel keskm. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 62.82 | 59.69 | 56.00 | 54.18 | 55.74 | 64.70 | 56.62 | 54.20 | 54.82 | 60.18 | 61.39 | 59.70 | 59.64 | 59.21 | 62.15 | 60.98         |
| 3.36  | 4.61  | 3.31  | 0.39  | -2.64 | -5.22 | 0.99  | 3.80  | 3.79  | 2.09  | -3.36 | -2.95 | -2.74 | -4.69 | -3.90 | 1.84          |
| 96    | 94    | 95    | 93    | 93    | 87    | 92    | 90    | 91    | 94    | 88    | 89    | 91    | 91    | 92    | 92            |
| 5.70  | 6.03  | 5.37  | 4.47  | 3.53  | 2.67  | 4.83  | 5.23  | 5.60  | 4.87  | 2.97  | 3.40  | 3.37  | 2.90  | 3.27  | 4.99          |
| 0.23  | 0.30  | 0.27  | 0.23  | 0.20  | 0.50  | 0.40  | 0.60  | 0.50  | 0.33  | 0.50  | 0.43  | 0.33  | 0.27  | 0.27  | 0.40          |

## November 1918 November.

| Bewölkung Pilwitus |  |     |     |     |     |     |                 |           |           |          |         |        |        |
|--------------------|--|-----|-----|-----|-----|-----|-----------------|-----------|-----------|----------|---------|--------|--------|
| Datum<br>Kuupäev   | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |           |           |          |         |        |        |
|                    | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h       | 13h       | 16h      | 19h     | 21h    | 22h    |
|                    |  |     |     |     |     |     |                 |           |           |          |         |        |        |
| 1                  | 3  | 9   | 9   | 3   | 0   | 0   | AS              | ☉Ci,ACu   | ☉Ci,ACu   | ACu      | —       | —      | —      |
| 2                  | 1  | 10  | 10  | 10  | 3   | 0   | St              | St        | St        | SCu      | AS      | AS     | —      |
| 3                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | SCu      | St      | St     | St     |
| 4                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | SCu      | St      | St     | St     |
| 5                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | ≡        | St      | ≡      | St     |
| 6                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | St       | St      | St     | St     |
| 7                  | 10   | 10  | 10  | 10  | 10  | 4   | ≡               | ≡         | ≡         | St,SCu   | St      | St     | St     |
| 8                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | SCu       | St       | St      | St     | St     |
| 9                  | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | St       | St      | St     | St     |
| 10                 | 10   | 10  | 10  | 9   | 8   | 8   | Nb              | Nb        | Nb        | SCu      | AS      | St     | AS     |
| 11                 | 10   | 10  | 9   | 10  | 10  | 10  | St              | SCu       | Cu        | FrCu,ACu | SCu,ACu | St     | St     |
| 12                 | 10   | 9   | 2   | 1   | 1   | 5   | SCu             | SCu,CiCu  | ☉Cu,CuNb  | SCu      | SCu     | FrCu   | AS     |
| 13                 | 10   | 9   | 7   | 1   | 10  | 10  | St              | Nb        | ☉CiCu,SCu | SCu      | SCu     | SCu    | St,SCu |
| 14                 | 9  | 9   | 9   | 1   | 3   | 9   | SCu             | ☉SCu      | ☉SCu      | ☉SCu     | ACu,SCu | ACu    | AS,St  |
| 15                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | SCu      | St      | St     | St     |
| 16                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | St        | St        | ≡        | St      | SCu    | SCu    |
| 17                 | 10   | 10  | 10  | 10  | 9   | 10  | St              | SCu       | St        | Nb       | ACu     | St     | Nb     |
| 18                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | St        | St,SCu    | St       | St      | SCu    | SCu    |
| 19                 | 10   | 10  | 9   | 2   | 8   | 1   | St              | ≡         | ☉ACu      | SCu      | ACu,SCu | AS,SCu | ACu    |
| 20                 | 10   | 10  | 5   | 1   | 2   | 0   | ≡               | ≡         | ☉Ci,Cu    | Cu       | SCu     | SCu    | —      |
| 21                 | 0  | 0   | 4   | 1   | 2   | 9   | —               | ☉—        | ☉CiS,AS   | CiS      | SCu     | SCu    | SCu,St |
| 22                 | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb        | Nb        | St       | St      | St     | St     |
| 23                 | 10   | 10  | 0   | 0   | 0   | 10  | SCu             | SCu       | ☉—        | —        | —       | St     | St     |
| 24                 | 10   | 10  | 10  | 10  | 10  | 10  | SCu             | St        | St        | St       | SCu     | St     | St     |
| 25                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | SCu       | SCu      | St      | St     | St     |
| 26                 | 9  | 2   | 0   | 1   | 0   | 1   | SCu             | ☉FrSt,CiS | ☉—        | ACu      | —       | —      | St     |
| 27                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | St       | St      | St     | St     |
| 28                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | St       | St      | St     | St     |
| 29                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | St       | St      | St     | St     |
| 30                 | 10   | 10  | 10  | 10  | 10  | 10  | St              | St        | St        | ≡        | St      | St     | St     |

## Stundenmittel Kellaaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |       | Richtung<br>siht<br>° | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|-------|-----------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N-S   | E-W   |                       |                                   |   |
| 1                | 0.09                         | 0.76 | 1.58 | 1.64 | -1.48 | -0.89 | 211                   | 1.73                              | 3.49                                    |
| 4                | 0.06                         | 0.78 | 1.65 | 1.50 | -1.59 | -0.72 | 204                   | 1.74                              | 3.43                                    |
| 7                | 0.09                         | 0.72 | 1.60 | 1.49 | -1.51 | -0.77 | 207                   | 1.69                              | 3.41                                    |
| 10               | 0.06                         | 0.76 | 1.56 | 1.70 | -1.51 | -0.94 | 212                   | 1.78                              | 3.52                                    |
| 13               | 0.09                         | 0.73 | 1.50 | 1.76 | -1.42 | -1.03 | 216                   | 1.75                              | 3.62                                    |
| 16               | 0.09                         | 0.79 | 1.50 | 1.56 | -1.41 | -0.77 | 209                   | 1.60                              | 3.44                                    |
| 19               | 0.10                         | 0.75 | 1.74 | 1.60 | -1.64 | -0.85 | 207                   | 1.85                              | 3.61                                    |
| 22               | 0.09                         | 0.67 | 1.67 | 1.57 | -1.58 | -0.90 | 210                   | 1.82                              | 3.47                                    |
| Mittel<br>keskm. | 0.08                         | 0.74 | 1.60 | 1.60 | -1.52 | -0.87 | 209                   | 1.74                              | 3.50                                    |

## November 1918 November.

| Datum<br>Kuupäev | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | B e m e r k u n g e n<br>M ä r k u s e d  |
|------------------|---------------------------------|--------|-------------------------------------|--|---|
|                  | 7h—21h                          | 21h—7h |                                     |  |   |
| 1                | —                               | —      | 2.6                                 | 108  | $\equiv^0a$ ; $\sqcup n$ . cm.  |
| 2                | —                               | —      | 0.1                                 | 104  | $\mathcal{D}$ , $\sqcup n$ .  |
| 3                | —                               | —      | 0.5                                 | 105  |   |
| 4                | —                               | —      | 0.0                                 | 103  |   |
| 5                | 0.0                             | —      | 0.1                                 | 101  | $\bullet^0$ , $\equiv p$ .  |
| 6                | —                               | 0.1    | 0.3                                 | 98   | $\bullet^0 n$ .   |
| 7                | —                               | —      | 0.5                                 | 94   | $\equiv a$ .  |
| 8                | —                               | —      | 0.7                                 | 93   |   |
| 9                | —                               | 3.0    | 0.4                                 | 93   | $\bullet n$ .   |
| 10               | 4.6                             | 0.1    | 0.2                                 | 95   | $\bullet a$ ; $\bullet^0 n$ .   |
| 11               | —                               | 0.9    | 1.0                                 | 88   | $\bullet n$ .   |
| 12               | 0.4                             | —      | 0.4                                 | 89   | $\bullet 8^0 0^m - 6^m, 11^h 54^m - 12^h$ ; $\frown 10^h 15^m$ ; $\sqcup n$ .               |
| 13               | 0.1                             | —      | 0.2                                 | 89   | $\ast^0 a$ ; $\sqcup n$ .   |
| 14               | —                               | —      | 0.2                                 | 87   | $\equiv 8^h - 11^h$ .   |
| 15               | —                               | 0.4    | 0.0                                 | 87   | $\bullet n$ .   |
| 16               | 0.0                             | —      | 0.2                                 | 86   | $\bullet^0 a$ ; $\equiv a$ , p.   |
| 17               | 0.7                             | 1.2    | 0.2                                 | 83   | $\bullet p$ , n.  |
| 18               | 0.7                             | 2.2    | 0.3                                 | 83   | $\bullet^0 - 8^h$ ; $\bullet p$ ; $\ast n$ .  |
| 19               | 0.0                             | —      | 0.3                                 | 84   | $\ast^0 8^h - 9^h$ ; $\equiv 9^h - 11^h$ , n; $\psi 20^h$ ; $\mathcal{S} n$ ; $\boxtimes 1$ |
| 20               | 0.1                             | —      | 0.1                                 | 84   | $\equiv$ , $\mathcal{S}$ , $\nabla a$ ; $\Delta^0 a$ , p.                                   |
| 21               | —                               | —      | 0.4                                 | 80   | $\psi 21^h - 24^h$ .  |
| 22               | 0.3                             | —      | 0.3                                 | 70   | $\ast, \nabla a$ .  |
| 23               | —                               | —      | 0.6                                 | 71   |   |
| 24               | —                               | —      | 0.4                                 | 73   |   |
| 25               | —                               | —      | 0.5                                 | 78   | $\angle 18^h 57^m (E)$  |
| 26               | —                               | —      | 0.1                                 | 80   | $\sqcup a$ ; $\nabla n$ .   |
| 27               | —                               | —      | 0.1                                 | 79   |   |
| 28               | —                               | —      | 0.1                                 | 80   |   |
| 29               | —                               | —      | 0.1                                 | 73   | $\nabla n$ .  |
| 30               | —                               | 1.7    | 0.0                                 | 72   | $\mathcal{S} a$ ; $\equiv p$ ; $\ast n$ .   |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 61.26                         | 1.61                                | 93                                     | —                          | 1                |
| 60.96                         | 1.47                                | 93                                     | —                          | 4                |
| 60.68                         | 1.31                                | 94                                     | 9.1                        | 7                |
| 60.92                         | 1.71                                | 94                                     | 9.3                        | 10               |
| 60.82                         | 2.60                                | 91                                     | 8.5                        | 13               |
| 60.90                         | 2.43                                | 90                                     | 7.3                        | 16               |
| 61.09                         | 1.99                                | 92                                     | 7.5                        | 19               |
| 61.20                         | 1.62                                | 93                                     | 7.9                        | 22               |
| 60.98                         | 1.84                                | 92                                     | 8.3                        | Mittel<br>keskm. |

## Dezember 1918 Detseember.

| Datum<br>Kuupäev | Luftdruck (700 mm. +) õhurõhumine |      |      |      |      |      |      |      | Temperatuur (C°) temperatuur |       |       |       |       |       |       |       |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------------------------------|-------|-------|-------|-------|-------|-------|-------|
|                  | 1h                                | 4h   | 7h   | 10h  | 13h  | 16h  | 19h  | 22h  | 1h                           | 4h    | 7h    | 10h   | 13h   | 16h   | 19h   | 22h   |
| 1                | 64.6                              | 64.7 | 64.7 | 65.3 | 65.0 | 64.7 | 64.4 | 63.6 | -2.7                         | -2.8  | -3.2  | -3.1  | -2.3  | -2.3  | -2.7  | -2.4  |
| 2                | 63.1                              | 62.0 | 61.2 | 60.5 | 58.6 | 57.5 | 56.5 | 55.2 | -2.9                         | -3.6  | -3.0  | -2.0  | 0.3   | 0.5   | 0.4   | 0.6   |
| 3                | 54.4                              | 53.7 | 52.9 | 53.0 | 52.6 | 51.6 | 50.5 | 49.4 | 0.5                          | 0.5   | 0.4   | 0.5   | 0.4   | 0.5   | 0.3   | 0.5   |
| 4                | 48.3                              | 47.0 | 45.9 | 46.0 | 47.0 | 48.6 | 50.4 | 52.2 | 0.5                          | 0.7   | 1.0   | 1.2   | 1.7   | 1.4   | 0.1   | -0.6  |
| 5                | 53.9                              | 55.6 | 57.1 | 58.7 | 59.5 | 60.0 | 60.4 | 60.5 | -0.6                         | -0.7  | -0.8  | -1.2  | -0.7  | -1.1  | -1.7  | -1.4  |
| 6                | 60.2                              | 60.1 | 60.0 | 59.9 | 59.6 | 59.9 | 59.9 | 59.9 | -1.5                         | -1.7  | -2.0  | -1.9  | -1.8  | -2.0  | -2.6  | -3.3  |
| 7                | 59.8                              | 59.7 | 59.7 | 59.7 | 59.6 | 59.6 | 59.6 | 59.6 | -4.6                         | -5.4  | -5.8  | -5.7  | -3.3  | -4.0  | -4.4  | -4.1  |
| 8                | 59.6                              | 59.5 | 59.0 | 58.6 | 57.9 | 57.5 | 56.9 | 56.7 | -4.3                         | -4.8  | -5.0  | -4.7  | -4.1  | -4.7  | -5.1  | -5.6  |
| 9                | 56.6                              | 56.5 | 56.3 | 55.8 | 55.5 | 55.5 | 55.4 | 55.6 | -6.0                         | -5.6  | -5.4  | -6.0  | -6.0  | -6.2  | -6.3  | -6.4  |
| 10               | 56.6                              | 57.4 | 58.5 | 59.4 | 59.9 | 60.6 | 61.0 | 61.7 | -9.7                         | -11.2 | -13.6 | -14.4 | -13.8 | -13.2 | -12.5 | -12.0 |
| 11               | 62.7                              | 63.3 | 63.7 | 64.5 | 64.4 | 64.1 | 64.0 | 64.0 | -12.4                        | -12.9 | -13.3 | -13.6 | -10.3 | -11.4 | -11.1 | -10.7 |
| 12               | 63.6                              | 63.2 | 62.4 | 61.8 | 60.6 | 59.6 | 58.0 | 56.9 | -10.5                        | -11.7 | -10.7 | -9.3  | -7.7  | -8.0  | -8.7  | -9.3  |
| 13               | 56.0                              | 55.3 | 55.4 | 56.3 | 57.4 | 59.1 | 60.5 | 62.2 | -9.4                         | -9.6  | -10.5 | -10.7 | -11.3 | -12.4 | -12.5 | -10.8 |
| 14               | 63.3                              | 63.9 | 64.4 | 65.6 | 65.5 | 65.2 | 65.1 | 64.1 | -12.1                        | -13.5 | -15.0 | -14.8 | -12.3 | -14.0 | -16.4 | -17.0 |
| 15               | 62.2                              | 61.0 | 60.3 | 60.0 | 59.7 | 59.6 | 59.4 | 59.1 | -16.2                        | -15.4 | -14.0 | -12.4 | -9.5  | -8.2  | -5.8  | 1.5   |
| 16               | 58.5                              | 57.8 | 57.0 | 56.7 | 55.7 | 53.3 | 51.4 | 50.4 | 1.8                          | 1.6   | 1.3   | 0.9   | 0.7   | 0.2   | 0.4   | 0.7   |
| 17               | 49.4                              | 48.7 | 48.0 | 47.6 | 47.8 | 49.5 | 50.7 | 51.8 | 1.0                          | 1.1   | 1.2   | 1.7   | 2.3   | 2.5   | 2.4   | 2.6   |
| 18               | 52.6                              | 52.6 | 52.5 | 52.4 | 51.4 | 50.5 | 49.0 | 48.9 | 2.5                          | 2.0   | 1.4   | 1.1   | 1.0   | 0.5   | -0.2  | 0.3   |
| 19               | 48.4                              | 47.7 | 47.4 | 47.5 | 47.2 | 46.5 | 45.6 | 45.2 | 1.0                          | 1.4   | 1.8   | 0.4   | -0.1  | -1.3  | -1.2  | -3.4  |
| 20               | 44.4                              | 43.5 | 43.0 | 43.5 | 43.2 | 43.6 | 44.2 | 45.0 | -4.6                         | -5.0  | -4.8  | -4.4  | -3.6  | -4.0  | -3.8  | -3.6  |
| 21               | 45.1                              | 44.5 | 44.3 | 44.6 | 44.5 | 44.7 | 44.8 | 45.0 | -5.0                         | -6.0  | -6.8  | -7.7  | -7.8  | -7.8  | -7.0  | -6.4  |
| 22               | 45.4                              | 45.4 | 45.7 | 46.2 | 46.0 | 46.4 | 45.8 | 45.5 | -5.9                         | -5.3  | -4.6  | -4.4  | -2.9  | -3.6  | -4.2  | -5.0  |
| 23               | 46.3                              | 47.0 | 48.2 | 49.6 | 49.7 | 49.8 | 49.8 | 50.2 | -5.2                         | -3.2  | -2.4  | -2.3  | -2.2  | -3.4  | -3.2  | -2.6  |
| 24               | 50.3                              | 50.3 | 50.0 | 49.4 | 49.0 | 47.9 | 47.3 | 47.2 | -3.3                         | -5.7  | -7.5  | -7.0  | -5.9  | -4.8  | -4.0  | -2.4  |
| 25               | 47.4                              | 47.8 | 48.0 | 48.8 | 49.1 | 50.2 | 51.6 | 52.9 | -2.8                         | -3.5  | -3.3  | -2.2  | 0.7   | 1.6   | 1.7   | 1.3   |
| 26               | 54.0                              | 54.5 | 54.9 | 55.4 | 55.7 | 56.0 | 56.7 | 58.2 | -0.3                         | -1.3  | -2.2  | -2.1  | -2.2  | -2.3  | -2.6  | -2.7  |
| 27               | 60.0                              | 60.7 | 60.9 | 61.1 | 60.7 | 59.8 | 58.0 | 56.0 | -3.4                         | -4.0  | -4.8  | -5.8  | -3.5  | -3.0  | -2.0  | -2.0  |
| 28               | 53.6                              | 50.3 | 48.1 | 47.1 | 45.5 | 44.1 | 42.0 | 39.4 | -2.1                         | -2.2  | -2.3  | -3.2  | -3.0  | -3.3  | -3.3  | -3.0  |
| 29               | 36.9                              | 34.6 | 32.2 | 31.3 | 30.9 | 31.3 | 32.0 | 33.2 | -2.9                         | -2.9  | -4.0  | -3.9  | -3.3  | -3.9  | -4.5  | -5.3  |
| 30               | 34.2                              | 35.2 | 36.3 | 38.0 | 38.3 | 39.1 | 40.0 | 40.5 | -5.7                         | -6.0  | -6.0  | -5.0  | -3.3  | -4.0  | -6.1  | -7.2  |
| 31               | 40.8                              | 41.3 | 41.5 | 42.7 | 43.0 | 44.5 | 45.5 | 46.5 | -5.6                         | -5.0  | -4.2  | -3.5  | -3.4  | -5.0  | -7.7  | -9.5  |

## Ergänzende Beobachtungen um 21h.

|                 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10    | 11    | 12    | 13    | 14    | 15    |
|-----------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| Luftdruck       | 63.9 | 55.5 | 49.9 | 51.6 | 60.6 | 60.0 | 59.6 | 56.6 | 55.4 | 61.3  | 64.1  | 57.1  | 61.6  | 64.4  | 59.5  |
| õhurõhumine     |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |
| Temperatuur     | -2.5 | 0.3  | 0.4  | -0.6 | -1.6 | -3.0 | -4.1 | -5.4 | -6.1 | -12.0 | -10.9 | -9.2  | -10.8 | -17.0 | 0.0   |
| Temperatuur     |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |
| Relat. Feucht.  | 93   | 88   | 96   | 85   | 85   | 77   | 79   | 92   | 93   | 88    | 90    | 91    | 89    | 88    | 92    |
| relat. niiskus  |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |
| Bewölkung       | 10   | 10   | 10   | 10   | 9    | 2    | 10   | 10   | 10   | 10    | 10    | 8     | 10    | 10    | 10    |
| pilwitus        |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |
| Tempe-<br>ratur | -2.0 | 0.6  | 0.7  | 1.8  | -0.2 | -1.1 | -3.0 | -4.0 | -5.0 | -6.0  | -10.3 | -7.6  | -9.0  | -10.3 | 0.0   |
| {max.           |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |
| {min.           | -3.8 | -4.0 | -0.1 | -0.8 | -2.5 | -3.6 | -6.8 | -5.6 | -6.7 | -15.0 | -14.2 | -12.5 | -13.0 | -17.9 | -17.1 |



## Dezember 1918 Detsember.

| Datum<br>Kuupäev. | Relative Feuchtheit<br>relatiivne niiskus |    |     |     |     |     |     |     | Absolute Feuchtheit<br>absoluutne niiskus |     |     | Kompletive Feuchtheit<br>täisniiskuse puudus |     |     | Feuchtes Thermometer<br>mürg termomeeter |        |        |
|-------------------|---|----|-----|-----|-----|-----|-----|-----|---|-----|-----|--|-----|-----|--|--------|--------|
|                   | 1h  | 4h | 7h  | 10h | 13h | 16h | 19h | 22h | 7h  | 13h | 21h | 7h   | 13h | 21h | 7h                                       | 13h    | 21h    |
| 1                 | 91  | 93 | 93  | 94  | 93  | 90  | 92  | 90  | 3.4                                       | 3.6 | 3.5 | 0.2  | 0.3 | 0.3 | — 3.5                                    | — 2.7  | — 2.8  |
| 2                 | 90  | 91 | 93  | 92  | 88  | 87  | 87  | 89  | 3.4                                       | 4.1 | 4.1 | 0.3  | 0.6 | 0.6 | — 3.4                                    | — 0.5  | — 0.3  |
| 3                 | 91  | 93 | 96  | 98  | 96  | 95  | 97  | 97  | 4.5                                       | 4.5 | 4.5 | 0.2  | 0.2 | 0.2 | — 0.2                                    | — 0.2  | — 0.0  |
| 4                 | 98  | 97 | 97  | 97  | 97  | 94  | 92  | 86  | 4.7                                       | 5.0 | 3.7 | 0.2  | 0.2 | 0.7 | — 0.8                                    | — 1.5  | — 1.4  |
| 5                 | 85  | 80 | 76  | 82  | 78  | 79  | 84  | 86  | 3.3                                       | 3.4 | 3.5 | 1.0  | 1.0 | 0.6 | — 2.1                                    | — 1.9  | — 2.4  |
| 6                 | 81  | 78 | 82  | 82  | 66  | 67  | 76  | 76  | 3.2                                       | 2.6 | 2.8 | 0.7  | 1.4 | 0.8 | — 3.0                                    | — 3.5  | — 4.2  |
| 7                 | 87  | 90 | 87  | 88  | 76  | 80  | 80  | 73  | 2.6                                       | 2.7 | 2.7 | 0.4  | 0.9 | 0.7 | — 6.5                                    | — 4.5  | — 5.1  |
| 8                 | 67  | 76 | 80  | 80  | 82  | 83  | 89  | 90  | 2.5                                       | 2.8 | 2.8 | 0.6  | 0.6 | 0.2 | — 5.8                                    | — 4.8  | — 5.8  |
| 9                 | 82  | 84 | 77  | 80  | 86  | 90  | 92  | 94  | 2.4                                       | 2.5 | 2.7 | 0.7  | 0.4 | 0.2 | — 6.4                                    | — 6.5  | — 6.4  |
| 10                | 91  | 89 | 89  | 89  | 89  | 87  | 88  | 88  | 1.4                                       | 1.4 | 1.6 | 0.2  | 0.2 | 0.2 | — 13.8                                   | — 14.1 | — 12.3 |
| 11                | 88  | 89 | 90  | 91  | 90  | 90  | 89  | 90  | 1.5                                       | 1.9 | 1.8 | 0.2  | 0.2 | 0.2 | — 13.6                                   | — 10.6 | — 11.2 |
| 12                | 89  | 93 | 94  | 94  | 93  | 93  | 93  | 92  | 1.9                                       | 2.4 | 2.1 | 0.1  | 0.2 | 0.2 | — 10.9                                   | — 8.0  | — 9.5  |
| 13                | 93  | 92 | 92  | 92  | 92  | 90  | 90  | 89  | 1.9                                       | 1.8 | 1.8 | 0.2  | 0.2 | 0.2 | — 10.8                                   | — 11.5 | — 11.1 |
| 14                | 87  | 86 | 88  | 88  | 84  | 86  | 87  | 87  | 1.3                                       | 1.5 | 1.1 | 0.2  | 0.3 | 0.2 | — 15.3                                   | — 12.7 | — 17.2 |
| 15                | 87  | 87 | 87  | 89  | 91  | 92  | 92  | 93  | 1.4                                       | 2.0 | 4.2 | 0.2  | 0.2 | 0.4 | — 14.3                                   | — 9.8  | — 0.4  |
| 16                | 92  | 94 | 95  | 95  | 95  | 96  | 97  | 96  | 4.8                                       | 4.6 | 4.6 | 0.3  | 0.2 | 0.2 | — 1.0                                    | — 0.4  | — 0.4  |
| 17                | 95  | 94 | 95  | 94  | 92  | 90  | 88  | 87  | 4.7                                       | 5.0 | 4.8 | 0.2  | 0.4 | 0.7 | — 0.9                                    | — 1.8  | — 1.8  |
| 18                | 90  | 94 | 97  | 97  | 97  | 99  | 97  | 96  | 4.9                                       | 4.7 | 4.5 | 0.2  | 0.2 | 0.2 | — 1.2                                    | — 0.8  | — 0.1  |
| 19                | 96  | 94 | 95  | 93  | 83  | 84  | 87  | 93  | 4.9                                       | 3.8 | 3.3 | 0.3  | 0.8 | 0.4 | — 1.5                                    | — 1.0  | — 3.4  |
| 20                | 90  | 91 | 91  | 91  | 91  | 94  | 92  | 92  | 2.9                                       | 3.2 | 3.3 | 0.3  | 0.3 | 0.3 | — 5.2                                    | — 4.1  | — 3.8  |
| 21                | 92  | 90 | 90  | 90  | 90  | 87  | 91  | 93  | 2.5                                       | 2.3 | 2.6 | 0.3  | 0.3 | 0.2 | — 7.2                                    | — 8.2  | — 6.7  |
| 22                | 94  | 95 | 97  | 97  | 93  | 94  | 95  | 95  | 3.2                                       | 3.4 | 3.0 | 0.1  | 0.3 | 0.2 | — 4.7                                    | — 3.2  | — 5.1  |
| 23                | 94  | 93 | 92  | 90  | 90  | 93  | 95  | 93  | 3.5                                       | 3.5 | 3.5 | 0.3  | 0.4 | 0.3 | — 2.8                                    | — 2.9  | — 3.0  |
| 24                | 93  | 93 | 93  | 93  | 93  | 93  | 92  | 91  | 2.4                                       | 2.7 | 3.5 | 0.2  | 0.2 | 0.3 | — 7.8                                    | — 6.2  | — 3.0  |
| 25                | 91  | 92 | 93  | 94  | 96  | 90  | 90  | 85  | 3.3                                       | 4.6 | 4.4 | 0.2  | 0.2 | 0.7 | — 3.6                                    | — 0.5  | — 0.6  |
| 26                | 88  | 92 | 97  | 99  | 96  | 99  | 100 | 99  | 3.8                                       | 3.7 | 3.6 | 0.1  | 0.2 | 0.2 | — 2.4                                    | — 2.5  | — 2.8  |
| 27                | 99  | 98 | 95  | 98  | 100 | 97  | 91  | 86  | 3.0                                       | 3.5 | 3.4 | 0.2  | 0.0 | 0.5 | — 5.0                                    | — 3.5  | — 2.6  |
| 28                | 81  | 79 | 83  | 94  | 89  | 94  | 96  | 96  | 3.2                                       | 3.3 | 3.4 | 0.7  | 0.4 | 0.2 | — 3.2                                    | — 3.7  | — 3.5  |
| 29                | 99  | 98 | 95  | 96  | 95  | 94  | 96  | 96  | 3.2                                       | 3.4 | 3.1 | 0.2  | 0.2 | 0.1 | — 4.2                                    | — 3.6  | — 5.0  |
| 30                | 98  | 99 | 100 | 100 | 100 | 100 | 99  | 98  | 2.9                                       | 3.6 | 2.8 | 0.0  | 0.0 | 0.0 | — 6.0                                    | — 3.3  | — 6.5  |
| 31                | 97  | 90 | 94  | 95  | 94  | 96  | 98  | 95  | 3.2                                       | 3.4 | 2.1 | 0.2  | 0.2 | 0.1 | — 4.5                                    | — 3.8  | — 9.7  |

Täiendawad waatlused kell 21.

| 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | Mittel<br>keskm. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| 50.7 | 51.5 | 49.0 | 45.3 | 44.9 | 44.9 | 45.5 | 50.1 | 47.2 | 52.7 | 57.9 | 56.5 | 40.1 | 32.8 | 40.3 | 46.1 | 52.79            |
| 0.6  | 2.6  | 0.3  | -3.0 | -3.4 | -6.4 | -4.8 | -2.6 | -2.6 | 1.4  | -2.6 | -2.0 | -3.2 | -4.8 | -6.5 | -9.5 | -4.16            |
| 96   | 87   | 96   | 90   | 92   | 93   | 94   | 93   | 93   | 87   | 96   | 87   | 95   | 96   | 99   | 95   | 91               |
| 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 9.6              |
| 2.8  | 3.0  | 2.9  | 1.8  | -2.8 | -3.4 | -2.9 | -2.1 | -2.6 | 1.8  | 1.5  | -1.7 | -1.8 | -2.6 | -3.3 | -3.0 | -2.19            |
| -0.3 | 0.5  | -0.4 | -3.1 | -5.6 | -8.2 | -6.8 | -5.7 | -7.7 | -4.1 | -2.7 | -6.6 | -4.0 | -5.0 | -6.7 | -9.6 | -6.44            |

| Datum<br>Krupäew | Windgeschwindigkeit<br>Tuule kiirus |     |     |     |     |     |     |     | W i n d k o m p o |     |     |     |     |     |     |     |     |     |     |     |  |  |  |  |
|------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
|                  | m/sek.                              |     |     |     |     |     |     |     | 1h                |     |     |     | 4h  |     |     |     | 7h  |     |     |     |  |  |  |  |
|                  | 1h                                  | 4h  | 7h  | 10h | 13h | 16h | 19h | 22h | N                 | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   |  |  |  |  |
| 1                | 2.0                                 | 1.6 | 1.8 | 1.6 | 2.0 | 1.7 | 1.3 | 1.7 | —                 | 1.7 | 0.6 | —   | —   | 1.5 | 0.3 | —   | —   | 1.6 | 0.3 | —   |  |  |  |  |
| 2                | 1.7                                 | 1.6 | 3.6 | 3.3 | 3.6 | 4.0 | 4.2 | 4.6 | —                 | —   | 1.2 | 1.1 | —   | —   | 1.3 | 0.6 | —   | —   | 3.2 | 0.9 |  |  |  |  |
| 3                | 4.6                                 | 4.8 | 5.7 | 5.1 | 4.9 | 4.2 | 4.6 | 3.9 | —                 | —   | 3.1 | 2.9 | —   | —   | 3.2 | 3.2 | —   | —   | 3.1 | 4.2 |  |  |  |  |
| 4                | 3.9                                 | 4.2 | 4.8 | 3.7 | 2.8 | 4.0 | 3.8 | 3.6 | —                 | —   | 2.3 | 2.4 | —   | —   | 2.2 | 2.9 | —   | —   | 2.0 | 3.9 |  |  |  |  |
| 5                | 3.6                                 | 4.7 | 3.0 | 2.0 | 2.7 | 3.3 | 2.7 | 2.5 | 3.1               | 0.5 | —   | 0.4 | 3.7 | 1.5 | —   | 0.2 | 2.1 | 1.0 | —   | 0.1 |  |  |  |  |
| 6                | 2.0                                 | 2.4 | 1.9 | 1.5 | 1.8 | 0.9 | 0.7 | 1.1 | 1.5               | 0.1 | —   | 0.8 | 1.4 | —   | —   | 1.6 | 1.2 | —   | —   | 1.2 |  |  |  |  |
| 7                | 0.9                                 | 1.6 | 1.8 | 1.0 | 0.9 | 0.6 | 0.6 | 0.9 | —                 | 0.8 | 0.2 | —   | —   | 1.2 | 0.7 | —   | —   | 1.8 | 0.1 | —   |  |  |  |  |
| 8                | 1.5                                 | 1.1 | 0.4 | 1.4 | 2.2 | 2.8 | 2.4 | 1.8 | —                 | 1.6 | —   | —   | —   | 0.9 | 0.4 | —   | —   | —   | —   | —   |  |  |  |  |
| 9                | 2.3                                 | 2.7 | 3.2 | 3.9 | 3.7 | 2.9 | 1.9 | 2.1 | 1.5               | —   | —   | 1.4 | 2.2 | —   | —   | 1.0 | 2.1 | —   | —   | 2.1 |  |  |  |  |
| 10               | 3.9                                 | 4.1 | 4.6 | 4.0 | 4.2 | 3.6 | 3.9 | 4.2 | 0.3               | 3.8 | 0.1 | —   | 0.5 | 3.7 | —   | —   | 0.7 | 4.3 | —   | —   |  |  |  |  |
| 11               | 3.8                                 | 3.2 | 3.3 | 1.9 | 2.1 | 2.1 | 2.7 | 2.1 | 0.9               | 3.4 | —   | —   | 0.5 | 3.0 | —   | —   | 0.4 | 3.2 | —   | —   |  |  |  |  |
| 12               | 2.0                                 | 2.4 | 2.5 | 2.5 | 2.5 | 1.4 | 2.1 | 1.3 | 1.4               | 1.0 | —   | —   | 2.0 | 0.5 | —   | 0.3 | 2.0 | —   | —   | 1.3 |  |  |  |  |
| 13               | 1.3                                 | 2.0 | 2.2 | 2.4 | 2.9 | 2.2 | 2.9 | 2.7 | 0.4               | —   | —   | 1.1 | —   | —   | 0.2 | 2.0 | —   | —   | 1.2 | 1.6 |  |  |  |  |
| 14               | 2.4                                 | 1.7 | 1.6 | 2.1 | 2.4 | 2.7 | 3.5 | 4.5 | —                 | 0.4 | 2.2 | —   | —   | 0.4 | 1.4 | —   | —   | 0.7 | 1.2 | —   |  |  |  |  |
| 15               | 4.8                                 | 3.8 | 3.6 | 3.4 | 2.5 | 2.2 | 1.6 | 2.6 | —                 | 2.1 | 3.7 | —   | —   | 1.7 | 2.8 | —   | —   | 2.1 | 2.1 | —   |  |  |  |  |
| 16               | 2.8                                 | 3.1 | 3.6 | 3.6 | 3.1 | 3.7 | 4.0 | 4.5 | —                 | —   | 1.4 | 2.1 | —   | —   | 2.1 | 2.0 | —   | —   | 2.1 | 2.4 |  |  |  |  |
| 17               | 4.8                                 | 4.6 | 3.8 | 5.4 | 5.7 | 5.8 | 3.9 | 4.0 | —                 | —   | 3.6 | 2.1 | —   | —   | 3.4 | 2.3 | —   | —   | 3.2 | 1.3 |  |  |  |  |
| 18               | 3.2                                 | 3.0 | 3.3 | 2.9 | 2.4 | 2.5 | 2.5 | 2.7 | —                 | —   | 2.2 | 1.6 | —   | —   | 2.5 | 1.0 | —   | —   | 3.0 | 0.7 |  |  |  |  |
| 19               | 3.0                                 | 3.3 | 2.8 | 3.0 | 3.6 | 3.5 | 5.4 | 6.6 | —                 | —   | 2.9 | 0.4 | —   | —   | 3.1 | 0.4 | —   | —   | 2.7 | 0.5 |  |  |  |  |
| 20               | 6.6                                 | 6.4 | 5.7 | 5.1 | 5.4 | 5.0 | 4.4 | 4.5 | —                 | 4.9 | 2.7 | —   | —   | 4.8 | 2.7 | —   | —   | 4.1 | 2.7 | —   |  |  |  |  |
| 21               | 5.7                                 | 6.3 | 6.3 | 6.6 | 6.1 | 5.2 | 5.6 | 6.0 | —                 | 4.4 | 2.0 | —   | —   | 5.1 | 2.2 | —   | —   | 4.8 | 2.3 | —   |  |  |  |  |
| 22               | 5.1                                 | 4.4 | 5.7 | 5.4 | 4.7 | 4.7 | 4.5 | 3.9 | —                 | 3.4 | 2.5 | —   | —   | 2.7 | 2.5 | —   | —   | 4.1 | 2.8 | —   |  |  |  |  |
| 23               | 3.4                                 | 2.9 | 3.4 | 3.3 | 2.9 | 2.6 | 1.8 | 3.0 | —                 | 0.3 | 3.3 | 0.1 | —   | —   | 2.7 | 0.6 | —   | 0.1 | 2.8 | 1.1 |  |  |  |  |
| 24               | 3.7                                 | 4.6 | 6.2 | 6.1 | 6.3 | 6.0 | 4.7 | 5.0 | —                 | 2.2 | 2.1 | —   | —   | 3.4 | 2.0 | —   | —   | 4.7 | 2.9 | —   |  |  |  |  |
| 25               | 5.1                                 | 4.4 | 3.9 | 3.3 | 3.3 | 2.4 | 3.2 | 3.6 | —                 | 3.4 | 2.5 | —   | —   | 2.7 | 2.5 | —   | —   | 1.9 | 2.6 | —   |  |  |  |  |
| 26               | 3.0                                 | 2.3 | 2.5 | 1.8 | 1.2 | 0.7 | 1.8 | 1.5 | —                 | —   | 2.4 | 0.8 | —   | —   | 2.2 | 0.4 | —   | 1.9 | 2.6 | —   |  |  |  |  |
| 27               | 2.3                                 | 1.7 | 2.0 | 2.1 | 2.9 | 2.9 | 3.5 | 4.6 | —                 | —   | 2.5 | 0.8 | —   | —   | 2.2 | 0.4 | —   | —   | 2.1 | 0.1 |  |  |  |  |
| 28               | 6.0                                 | 6.3 | 6.9 | 5.7 | 5.4 | 4.5 | 5.0 | 4.5 | —                 | 0.1 | 5.6 | 1.3 | —   | —   | 0.1 | 6.1 | 1.0 | —   | 0.2 | 6.0 |  |  |  |  |
| 29               | 3.6                                 | 3.8 | 3.0 | 2.5 | 1.3 | 1.5 | 2.4 | 2.2 | —                 | 1.2 | 2.8 | —   | —   | 2.0 | 2.5 | —   | —   | 1.8 | 1.7 | —   |  |  |  |  |
| 30               | 2.3                                 | 2.4 | 2.2 | 1.8 | 2.3 | 2.4 | 2.4 | 2.3 | —                 | —   | 0.1 | 2.3 | —   | —   | 0.1 | 2.4 | —   | —   | —   | 2.3 |  |  |  |  |
|                  | 2.6                                 | 3.0 | 2.7 | 1.5 | 1.5 | 2.0 | 1.3 | 1.5 | —                 | —   | 0.9 | 2.2 | —   | —   | 0.6 | 2.7 | —   | —   | 0.6 | 2.4 |  |  |  |  |

T a g e s m i t t e l

|                                  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10     | 11     | 12    | 13     | 14     | 15     |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|--------|
| Luftdruck<br>õhurõhumine         | 64.62 | 59.32 | 52.26 | 48.18 | 58.21 | 59.94 | 59.66 | 58.21 | 55.90 | 59.39  | 63.84  | 60.76 | 57.78  | 64.64  | 60.16  |
| Temperatuur<br>temperatuur       | -2.69 | -1.21 | 0.45  | 0.75  | -1.02 | -2.10 | -4.66 | -4.79 | -5.99 | -12.55 | -11.96 | -9.49 | -10.90 | -14.39 | -10.00 |
| Relat. Feucht.<br>relat. niiskus | 92    | 90    | 95    | 95    | 81    | 76    | 83    | 81    | 86    | 89     | 90     | 93    | 91     | 87     | 90     |
| Absol. Feucht.<br>absol. niiskus | 3.50  | 3.87  | 4.50  | 4.47  | 3.40  | 2.87  | 2.67  | 2.70  | 2.53  | 1.47   | 1.73   | 2.13  | 1.83   | 1.30   | 2.53   |
| Kompl. Feucht.<br>satursus       | 0.27  | 0.50  | 0.20  | 0.37  | 0.87  | 0.97  | 0.67  | 0.47  | 0.43  | 0.20   | 0.20   | 0.17  | 0.20   | 0.23   | 0.27   |

## Dezember 1918 Detsember.

| n e n t e n m/sek. O s a t u u l e d |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |      |      |      |   |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|------|------|---|
| 10h                                  |     |     |     | 13h |     |     |     | 16h |     |     |     | 19h |     |     |     | 22h |     |     |     | Mittel keskmine |      |      |      |   |
| N                                    | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N   | E   | S   | W   | N               | E    | S    | W    |   |
| —                                    | 1.3 | 0.6 | —   | —   | 1.3 | 1.1 | —   | —   | 1.0 | 0.9 | —   | —   | 1.1 | 0.6 | —   | —   | 0.2 | 1.2 | 0.9 | —               | 1.21 | 0.70 | 0.11 | — |
| —                                    | —   | 2.7 | 1.0 | —   | 0.1 | 2.9 | 1.4 | —   | —   | 3.3 | 1.5 | —   | —   | 3.2 | 2.0 | —   | —   | 3.4 | 2.4 | —               | 0.01 | 2.65 | 1.36 | — |
| —                                    | —   | 2.7 | 3.4 | —   | —   | 2.5 | 3.3 | —   | —   | 2.7 | 2.4 | —   | —   | 2.7 | 2.9 | —   | —   | 2.5 | 2.3 | —               | —    | 2.81 | 3.08 | — |
| —                                    | —   | 0.9 | 3.4 | 2.2 | 0.2 | —   | 1.0 | 3.4 | 0.6 | —   | 0.6 | 3.1 | 0.2 | —   | 1.1 | 2.9 | 0.3 | —   | 1.1 | 1.45            | 0.16 | 0.92 | 2.05 |   |
| 1.2                                  | 0.1 | —   | 1.2 | 1.9 | 0.1 | —   | 1.3 | 2.6 | —   | —   | 1.5 | 1.6 | —   | —   | 1.8 | 1.9 | 0.1 | —   | 1.2 | 2.26            | 0.41 | —    | 0.96 |   |
| 1.1                                  | 0.4 | —   | 0.3 | 1.4 | 0.7 | —   | —   | 0.8 | 0.1 | —   | 0.1 | 0.5 | —   | —   | 0.4 | 0.8 | —   | —   | 0.5 | 1.09            | 0.16 | —    | 0.61 |   |
| —                                    | —   | 1.0 | 0.1 | —   | 0.4 | 0.7 | —   | —   | 0.5 | 0.2 | —   | —   | 0.3 | 0.3 | —   | 0.3 | 0.6 | —   | 0.1 | 0.04            | 0.48 | 0.61 | 0.04 |   |
| —                                    | —   | —   | 1.5 | 0.7 | —   | —   | 1.9 | 1.7 | —   | —   | 1.8 | 0.3 | 0.3 | —   | 2.2 | 1.3 | 0.9 | —   | 0.1 | 0.50            | 0.46 | 0.05 | 0.94 |   |
| 2.7                                  | —   | —   | 2.3 | 1.7 | —   | —   | 2.9 | 1.1 | —   | —   | 2.4 | 0.8 | —   | —   | 1.5 | 0.6 | 1.7 | —   | 0.3 | 1.59            | 0.21 | —    | 1.74 |   |
| 0.9                                  | 4.3 | —   | —   | 0.4 | 3.9 | —   | —   | 0.3 | 3.6 | —   | —   | 0.5 | 3.6 | —   | —   | 0.8 | 3.8 | —   | —   | 0.55            | 3.88 | 0.01 | —    |   |
| 1.3                                  | 1.0 | —   | —   | 1.6 | 0.9 | —   | —   | 1.3 | 1.5 | —   | —   | 0.9 | 2.2 | —   | —   | 1.3 | 1.5 | —   | —   | 1.02            | 2.09 | —    | —    |   |
| 1.4                                  | —   | —   | 1.8 | 1.8 | —   | —   | 1.3 | 0.9 | —   | —   | 0.8 | 1.5 | —   | —   | 1.3 | 0.7 | —   | —   | 1.0 | 1.46            | 0.19 | —    | 0.98 |   |
| —                                    | —   | 2.2 | 0.6 | —   | 0.8 | 2.3 | 0.1 | —   | 1.2 | 1.6 | —   | —   | 1.1 | 2.4 | —   | —   | 0.4 | 2.4 | —   | 0.05            | 0.44 | 1.54 | 0.68 |   |
| —                                    | 1.0 | 1.6 | —   | —   | 1.3 | 1.7 | —   | —   | 1.3 | 2.2 | —   | —   | 1.4 | 2.7 | —   | —   | 1.8 | 3.3 | —   | —               | 1.04 | 2.04 | —    |   |
| —                                    | 2.6 | 1.6 | —   | —   | 1.8 | 1.2 | —   | —   | 1.5 | 1.2 | —   | —   | 0.5 | 1.3 | —   | —   | —   | 1.3 | 1.8 | —               | 1.54 | 1.90 | 0.22 |   |
| —                                    | —   | 2.3 | 2.3 | —   | —   | 2.5 | 0.9 | —   | 0.3 | 3.6 | 0.1 | —   | 0.1 | 3.6 | 0.6 | —   | 0.1 | 3.8 | 1.5 | —               | 0.06 | 2.68 | 1.49 |   |
| —                                    | —   | 4.6 | 1.7 | —   | —   | 4.0 | 2.8 | —   | —   | 2.8 | 3.7 | —   | —   | 2.7 | 2.4 | —   | —   | 2.7 | 2.4 | —               | —    | 3.38 | 2.34 |   |
| —                                    | —   | 2.4 | 0.6 | —   | 0.4 | 2.2 | —   | —   | 0.9 | 2.1 | —   | —   | 0.4 | 2.2 | —   | —   | —   | 2.5 | 0.6 | —               | 0.21 | 2.39 | 0.56 |   |
| —                                    | 0.4 | 2.8 | 0.1 | —   | 0.5 | 3.3 | —   | —   | 1.9 | 2.2 | —   | —   | 3.8 | 2.4 | —   | —   | 4.7 | 2.8 | —   | —               | 1.41 | 2.78 | 0.18 |   |
| —                                    | 3.5 | 2.4 | —   | —   | 4.0 | 2.4 | —   | —   | 3.7 | 2.1 | —   | —   | 3.1 | 2.1 | —   | —   | 3.5 | 1.5 | —   | —               | 3.95 | 2.32 | —    |   |
| —                                    | 4.7 | 3.0 | —   | —   | 4.8 | 2.6 | —   | —   | 3.9 | 2.3 | —   | —   | 3.6 | 3.0 | —   | —   | 3.9 | 3.1 | —   | —               | 4.40 | 2.56 | —    |   |
| —                                    | 3.3 | 2.9 | —   | —   | 2.9 | 2.5 | —   | —   | 2.7 | 2.7 | —   | —   | 2.3 | 3.0 | —   | —   | 1.6 | 2.9 | —   | —               | 2.88 | 2.72 | —    |   |
| —                                    | —   | 3.0 | 0.7 | —   | —   | 2.4 | 0.4 | —   | —   | 2.6 | —   | —   | 0.6 | 1.5 | —   | —   | 1.1 | 2.5 | —   | —               | 0.26 | 2.60 | 0.36 |   |
| —                                    | 4.9 | 2.2 | —   | —   | 5.5 | 1.5 | —   | —   | 5.0 | 1.8 | —   | —   | 3.6 | 1.8 | —   | —   | 3.6 | 2.2 | —   | —               | 4.11 | 2.06 | —    |   |
| —                                    | 2.1 | 1.9 | —   | —   | 0.5 | 2.8 | 0.3 | —   | —   | 1.9 | 0.7 | —   | —   | 2.8 | 1.0 | —   | —   | 2.8 | 1.4 | —               | 1.32 | 2.48 | 0.42 |   |
| —                                    | 2.1 | 1.9 | —   | —   | 0.5 | 2.8 | 0.3 | —   | —   | 1.9 | 0.7 | —   | —   | 2.5 | 1.0 | —   | —   | 2.8 | 1.4 | —               | 0.56 | 2.39 | 0.58 |   |
| —                                    | —   | 1.8 | 0.8 | —   | —   | 1.8 | 1.6 | —   | —   | 2.7 | 0.4 | —   | —   | 3.4 | 0.6 | —   | —   | 4.0 | 1.2 | —               | —    | 2.56 | 0.74 |   |
| —                                    | 0.1 | 5.2 | 1.3 | —   | 0.1 | 4.4 | 1.6 | —   | 0.2 | 4.3 | 0.4 | —   | 0.3 | 4.3 | 0.2 | —   | 0.8 | 3.9 | —   | —               | 0.24 | 4.98 | 0.85 |   |
| —                                    | 1.6 | 1.3 | —   | —   | 0.5 | 0.8 | —   | —   | —   | 0.3 | 1.3 | —   | —   | —   | 2.5 | 0.1 | —   | —   | 2.2 | 0.01            | 0.89 | 1.18 | 0.75 |   |
| —                                    | —   | —   | 1.9 | —   | —   | 0.1 | 2.3 | —   | —   | 0.3 | 2.3 | —   | —   | 0.6 | 2.2 | —   | —   | 0.6 | 2.0 | —               | —    | 0.22 | 2.21 |   |
| —                                    | —   | 0.3 | 1.3 | —   | —   | 0.4 | 1.2 | —   | —   | —   | 2.0 | —   | —   | —   | 1.3 | —   | —   | —   | 1.5 | —               | —    | 0.35 | 1.82 |   |

## I g a p ä i s e d k e s k m i s e d

| 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | Mittel keskm |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| 55.10 | 49.19 | 51.24 | 46.94 | 43.80 | 44.69 | 45.80 | 48.82 | 48.92 | 49.48 | 55.68 | 59.65 | 46.26 | 32.80 | 37.70 | 43.22 | 52.97        |
| 0.95  | 1.85  | 1.08  | -0.18 | -4.22 | -6.81 | -4.49 | -3.06 | -5.08 | -0.81 | -1.96 | -3.56 | -2.80 | -3.84 | -5.41 | -5.49 | -4.34        |
| 95    | 92    | 96    | 91    | 92    | 90    | 95    | 92    | 93    | 91    | 96    | 96    | 89    | 96    | 99    | 95    | 91           |
| 4.67  | 4.83  | 4.70  | 4.00  | 3.13  | 2.47  | 3.20  | 3.50  | 2.87  | 4.10  | 3.70  | 3.30  | 3.30  | 3.23  | 3.10  | 2.90  | 3.18         |
| 0.23  | 0.43  | 0.20  | 0.50  | 0.30  | 0.27  | 0.20  | 0.33  | 0.23  | 0.37  | 0.17  | 0.23  | 0.43  | 0.17  | 0.00  | 0.17  | 0.33         |

## Dezember 1918 Detsember.

| Datum<br>Kuupäev | Bewölkung Pilwitus                                     |     |     |     |     |     |                 |          |         |         |         |       |     |
|------------------|--|-----|-----|-----|-----|-----|-----------------|----------|---------|---------|---------|-------|-----|
|                  | Menge in Zehnteln<br>taewas kaetud $\frac{1}{10}$ -des |     |     |     |     |     | F o r m K u j u |          |         |         |         |       |     |
|                  | 7h   | 10h | 13h | 16h | 19h | 22h | 7h              | 10h      | 13h     | 16h     | 19h     | 21h   | 22h |
| 1                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St      | St      | St      | St    | St  |
| 2                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St      | St      | St      | St    | St  |
| 3                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St      | St      | St      | St    | Nb  |
| 4                | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb       | Nb      | St      | St      | St    | St  |
| 5                | 10   | 9   | 1   | 9   | 1   | 10  | St              | SCu      | ⊙SCu    | SCu     | St      | SCu   | St  |
| 6                | 10   | 9   | 9   | 10  | 5   | 1   | SCu             | SCu      | SCu     | SCu     | St      | St    | St  |
| 7                | 2  | 2   | 7   | 7   | 10  | 10  | St              | ⊙SCu     | SCu,ACu | ACu,AS  | SCu     | SCu   | SCu |
| 8                | 9  | 10  | 10  | 10  | 10  | 10  | St              | Nb       | Nb      | St      | St      | Nb    | St  |
| 9                | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb      | Nb      | Nb      | Nb    | St  |
| 10               | 4  | 5   | 10  | 10  | 10  | 10  | AS,St           | ⊙ACu,St  | Nb      | St      | St      | St    | St  |
| 11               | 1  | 1   | 9   | 10  | 10  | 10  | St              | ⊙St      | AS      | St      | St      | Nb    | St  |
| 12               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb       | St      | St      | St      | AS,St | St  |
| 13               | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb       | Nb      | AS      | AS      | AS    | AS  |
| 14               | 8  | 9   | 8   | 7   | 10  | 10  | St              | Nb       | Cl,ACu  | ClS,St  | AS      | AS    | AS  |
| 15               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb       | St      | St      | St      | St    | St  |
| 16               | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb      | Nb      | St      | Nb    | Nb  |
| 17               | 10   | 10  | 10  | 10  | 9   | 10  | St              | St       | St      | SCu     | ACu,SCu | St    | St  |
| 18               | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb      | Nb      | Nb      | St    | St  |
| 19               | 10   | 2   | 9   | 5   | 10  | 10  | St              | ⊙ACu,St  | ⊙SCu,Cl | ACu,SCu | SCu     | St    | St  |
| 20               | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb      | St      | St      | St    | St  |
| 21               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb       | Nb      | St      | St      | St    | St  |
| 22               | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St      | St      | St      | St    | St  |
| 23               | 10   | 10  | 9   | 1   | 10  | 10  | Nb              | St       | SCu     | St      | St      | St    | St  |
| 24               | 10   | 9   | 10  | 10  | 10  | 10  | St              | ACu,FrSt | Nb      | St      | St      | Nb    | St  |
| 25               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb       | Nb      | St      | St      | St    | St  |
| 26               | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | Nb      | St      | Nb      | Nb    | St  |
| 27               | 1  | 10  | 10  | 10  | 10  | 10  | St              | St       | St      | St      | St      | St    | St  |
| 28               | 10   | 10  | 10  | 10  | 10  | 10  | St              | Nb       | Nb      | St      | Nb      | St    | Nb  |
| 29               | 10   | 10  | 10  | 10  | 10  | 10  | Nb              | Nb       | Nb      | St      | St      | St    | St  |
| 30               | 10   | 10  | 10  | 1   | 10  | 10  | St              | St       | St      | FrSt    | St      | AS    | AS  |
| 31               | 10   | 10  | 10  | 10  | 10  | 10  | St              | St       | St      | St      | ≡       | AS    | AS  |

## Stundenmittel

## Kellaegsed

| Stunde<br>kell   | Windkomponenten<br>Osatuuled |      |      |      |       |      | Richtung<br>siht<br>° | Resultante<br>resultant<br>m/sek. | Geschwin.<br>mittel<br>keskm.<br>kiirus |
|------------------|------------------------------|------|------|------|-------|------|-----------------------|-----------------------------------|---|
|                  | N                            | E    | S    | W    | N-S   | E-W  |                       |                                   |   |
| 1                | 0.29                         | 1.14 | 1.71 | 0.77 | —1.41 | 0.37 | 165                   | 1.46                              | 3.35                                    |
| 4                | 0.33                         | 1.14 | 1.67 | 0.81 | —1.34 | 0.33 | 166                   | 1.38                              | 3.37                                    |
| 7                | 0.27                         | 1.18 | 1.77 | 0.88 | —1.50 | 0.30 | 169                   | 1.53                              | 3.48                                    |
| 10               | 0.28                         | 1.08 | 1.65 | 0.85 | —1.38 | 0.23 | 171                   | 1.40                              | 3.22                                    |
| 13               | 0.38                         | 1.01 | 1.58 | 0.79 | —1.20 | 0.21 | 170                   | 1.22                              | 3.20                                    |
| 16               | 0.39                         | 0.96 | 1.47 | 0.73 | —1.08 | 0.23 | 168                   | 1.11                              | 3.03                                    |
| 19               | 0.30                         | 0.92 | 1.58 | 0.81 | —1.29 | 0.11 | 175                   | 1.29                              | 3.07                                    |
| 22               | 0.35                         | 0.99 | 1.68 | 0.84 | —1.34 | 0.15 | 174                   | 1.35                              | 3.23                                    |
| Mittel<br>keskm. | 0.32                         | 1.05 | 1.64 | 0.81 | —1.32 | 0.24 | 170                   | 1.34                              | 3.25                                    |

## Dezember 1918 Detsember.

| Datum<br>Kuupäev | Niederschläge<br>Sademed<br>mm. |        | Ver-<br>dunstung<br>auramine<br>mm. | Embach-<br>stand<br>Emajõe<br>wee kõrg.<br>cm. | Bemerkungen<br>Märkused   | cm.  |
|------------------|---------------------------------|--------|-------------------------------------|--|---|------|
|                  | 7h—21h                          | 21h—7h |                                     |  |   |      |
| 1                | —                               | —      | 0.2                                 | 71   |   | ✱ 2  |
| 2                | —                               | 0.7    | 0.3                                 | 71   | *n.   | ✱ 2  |
| 3                | —                               | 6.9    | 0.3                                 | 71   | ● <sup>22h</sup> —n.  | ✱ 1  |
| 4                | 6.4                             | 0.1    | 0.4                                 | 81   | ● <sup>a</sup> ; ● <sup>0</sup> , * <sup>0p</sup> ; Δn.                                     |      |
| 5                | 0.1                             | —      | 0.4                                 | 90   | Δa.   |      |
| 6                | —                               | —      | 0.2                                 | 99   |   |      |
| 7                | —                               | —      | 0.1                                 | 100  |   |      |
| 8                | 0.2                             | 0.1    | 0.3                                 | 100  | * <sup>09h55m</sup> —n.   | ✱ 1  |
| 9                | 1.0                             | 0.7    | 0.2                                 | 84   | * <sup>12h</sup> —n.  | ✱ 2  |
| 10               | 0.0                             | 0.1    | 0.1                                 | 83   | * <sup>0a</sup> , n.  |      |
| 11               | 0.0                             | —      | 0.0                                 | 80   | * <sup>0p</sup> .   | ✱ 2  |
| 12               | 0.7                             | 1.0    | 0.0                                 |  | *a, p, n.   | ✱ 2  |
| 13               | 0.8                             | —      | 0.0                                 |  | *a, p.  | ✱ 4  |
| 14               | 0.0                             | 1.6    | 0.0                                 |  | [*n.<br> · 8 <sup>h55m</sup> —9 <sup>h12m</sup> ; * <sup>09h45m</sup> —10 <sup>h10m</sup> ; | ✱ 5  |
| 15               | 0.2                             | 0.0    | 0.0                                 |  | * <sup>9h</sup> —p; * <sup>0n</sup> .   | ✱ 6  |
| 16               | 3.8                             | 2.4    | 0.1                                 | J ä ä k a t e.                                 | ● <sup>0</sup> , ∞a; * <sup>12h30m</sup> —p; ●n.  | ✱ 2  |
| 17               | —                               | —      | 0.4                                 |  |   | ✱ 1  |
| 18               | 2.5                             | —      | 0.3                                 |  | *p.   | ✱ 1  |
| 19               | —                               | 0.6    | 0.5                                 |  | *n.   | ✱ 1  |
| 20               | 0.3                             | 1.8    | 0.0                                 | E i s d e c k e.                               | * <sup>11h15m</sup> —n.   | ✱ 2  |
| 21               | 0.4                             | 0.4    | 0.3                                 |  | ‡, *a—n.  | ✱ 7  |
| 22               | —                               | 0.2    | 0.1                                 |  | *n.   | ✱ 7  |
| 23               | 0.1                             | 0.2    | 0.0                                 |  | *a, n.  | ✱ 7  |
| 24               | 0.2                             | 0.5    | 0.0                                 |  | ‡, * <sup>10h20m</sup> —p; *n.  | ✱ 7  |
| 25               | 0.3                             | —      | 0.2                                 |  | *a, p.  | ✱ 8  |
| 26               | 3.0                             | 0.0    | 0.3                                 |  | *a, p; * <sup>0n</sup> .  | ✱ 6  |
| 27               | —                               | —      | 0.0                                 |  |   | ✱ 8  |
| 28               | 2.6                             | 5.2    | 0.0                                 |  | ‡, * <sup>8h</sup> —p; *n   | ✱ 8  |
| 29               | 2.7                             | —      | 0.0                                 |  | *a, p.  | ✱ 14 |
| 30               | —                               | 1.8    | 0.0                                 |  | *n.   | ✱ 16 |
| 31               | 0.4                             | 0.2    | 0.0                                 |  | * <sup>8h45m</sup> —9 <sup>h</sup> , n; ≡p; √n.   | ✱ 18 |

## k e s k m i s e d

| Luftdruck<br>õhurõhu-<br>mine | Tempera-<br>tur<br>tempera-<br>tuur | Relative<br>Feuchtigk.<br>rel. niiskus | Be-<br>wölkung<br>pilwitus | Stunde<br>kell   |
|-------------------------------|-------------------------------------|--|----------------------------|------------------|
| 53.33                         | —4.27                               | 90                                     | —                          | 1                |
| 53.06                         | —4.57                               | 90                                     | —                          | 4                |
| 52.89                         | —4.78                               | 91                                     | 8.9                        | 7                |
| 53.13                         | —4.69                               | 92                                     | 8.9                        | 10               |
| 52.92                         | —4.78                               | 90                                     | 9.4                        | 13               |
| 52.91                         | —4.09                               | 90                                     | 9.0                        | 16               |
| 52.79                         | —4.33                               | 91                                     | 9.5                        | 19               |
| 52.79                         | —4.17                               | 91                                     | 9.7                        | 22               |
| 52.97                         | —4.34                               | 91                                     | 9.2                        | Mittel<br>keskm. |

| Stund<br>tund    | Luftdruck<br>õhurõhmine<br>(700 mm +) | Temperatuur<br>temperatuur<br>C° | Bewölkung<br>pilvitus | Windkomponenten Osatuuled |      |      |      |       |       | Windrichtung<br>tuule siht<br>g° | Resultante<br>resultant<br>R | Geschwin-<br>digkeit<br>tuule kiirus |
|------------------|---------------------------------------|----------------------------------|-----------------------|---------------------------|------|------|------|-------|-------|----------------------------------|------------------------------|--------------------------------------|
|                  |                                       |                                  |                       | N                         | E    | S    | W    | N-S   | E-W   |                                  |                              |                                      |
| 1                | 54.45                                 | 3.23                             | —                     | 0.36                      | 0.57 | 0.90 | 1.43 | —0.53 | —0.86 | 238                              | 1.02                         | 2.82                                 |
| 4                | 54.30                                 | 2.60                             | —                     | 0.34                      | 0.55 | 0.91 | 1.44 | —0.58 | —0.89 | 237                              | 1.06                         | 2.79                                 |
| 7                | 54.29                                 | 3.64                             | 7.4                   | 0.43                      | 0.65 | 0.94 | 1.49 | —0.51 | —0.84 | 239                              | 0.99                         | 3.02                                 |
| 10               | 54.45                                 | 5.54                             | 7.5                   | 0.53                      | 0.72 | 1.01 | 1.63 | —0.48 | —0.91 | 242                              | 1.03                         | 3.33                                 |
| 13               | 54.36                                 | 7.24                             | 7.5                   | 0.63                      | 0.76 | 1.05 | 1.76 | —0.42 | —1.01 | 248                              | 1.09                         | 3.60                                 |
| 16               | 54.22                                 | 7.38                             | 7.1                   | 0.62                      | 0.74 | 0.94 | 1.67 | —0.32 | —0.94 | 251                              | 0.99                         | 3.40                                 |
| 19               | 54.26                                 | 5.90                             | 6.7                   | 0.46                      | 0.68 | 0.88 | 1.42 | —0.42 | —0.75 | 241                              | 0.85                         | 2.94                                 |
| 22               | 54.39                                 | 4.20                             | 6.3                   | 0.38                      | 0.59 | 0.90 | 1.37 | —0.52 | —0.78 | 236                              | 0.93                         | 2.80                                 |
| Mittel<br>keskm. | 54.34                                 | 4.97                             | 7.1                   | 0.47                      | 0.66 | 0.94 | 1.53 | —0.47 | —0.87 | 242                              | 0.99                         | 3.09                                 |

## Monatsmittel.

## Igakuulised keskmised.

| Monat<br>Kuu | Luftdruck<br>õhurõhmine<br>(700 mm +) | Windkomponenten |      |      |      | Osatuuled |       | Richtung<br>siht<br>g° | Feuchtigkeit Niiskus |                        |                        | Verdunstung<br>auramine<br>mm | Niederschläge<br>sademed<br>mm | Anzahl der Tage<br>mit Niederschl.<br>mitmel päeval<br>sademaid |
|--------------|---------------------------------------|-----------------|------|------|------|-----------|-------|------------------------|----------------------|------------------------|------------------------|-------------------------------|--------------------------------|---|
|              |                                       | N               | E    | S    | W    | N-S       | E-W   |                        | Absolute<br>absolute | Complete<br>täislikuse | Relative<br>relatiivne |                               |                                |   |
| Januar       | 47.23                                 | 0.39            | 0.45 | 1.06 | 2.16 | —0.67     | —1.70 | 248                    | 2.69                 | 0.35                   | 87                     | 1.6                           | 35.7                           | 28  |
| Februar      | 55.99                                 | 0.51            | 0.42 | 0.78 | 2.12 | —0.27     | —1.70 | 261                    | 2.82                 | 0.54                   | 84                     | 4.9                           | 18.4                           | 16  |
| März         | 58.95                                 | 0.58            | 0.36 | 0.58 | 2.30 | —0.01     | —1.93 | 270                    | 2.75                 | 1.04                   | 73                     | 18.1                          | 3.1                            | 7   |
| April        | 59.02                                 | 0.33            | 1.37 | 0.92 | 0.31 | —0.60     | 1.06  | 119                    | 5.20                 | 2.67                   | 71                     | 37.3                          | 8.8                            | 8   |
| Mai          | 57.87                                 | 1.05            | 0.82 | 0.36 | 1.55 | 0.69      | —0.73 | 313                    | 4.85                 | 4.28                   | 57                     | 75.6                          | 1.6                            | 3   |
| Juni         | 50.22                                 | 0.80            | 0.52 | 0.70 | 1.40 | 0.10      | —0.88 | 276                    | 7.70                 | 3.44                   | 73                     | 53.0                          | 63.4                           | 20  |
| Juli         | 51.35                                 | 0.67            | 0.62 | 0.34 | 1.24 | 0.33      | —0.62 | 298                    | 11.11                | 4.57                   | 76                     | 54.5                          | 112.5                          | 13  |
| August       | 51.19                                 | 0.63            | 0.44 | 0.44 | 1.52 | 0.19      | —1.08 | 280                    | 9.36                 | 2.81                   | 80                     | 37.2                          | 36.0                           | 13  |
| Septemb.     | 48.31                                 | 0.11            | 0.45 | 1.61 | 2.16 | —1.50     | —1.71 | 229                    | 8.14                 | 1.51                   | 86                     | 31.5                          | 101.2                          | 26  |
| Oktober      | 58.21                                 | 0.13            | 0.63 | 1.26 | 1.22 | —1.12     | —0.59 | 208                    | 7.29                 | 1.06                   | 89                     | 18.8                          | 64.4                           | 19  |
| Novemb.      | 60.98                                 | 0.08            | 0.74 | 1.60 | 1.60 | —1.52     | —0.86 | 209                    | 4.99                 | 0.40                   | 92                     | 10.9                          | 16.5                           | 12  |
| Dezemb.      | 52.97                                 | 0.32            | 1.05 | 1.64 | 0.81 | —1.32     | 0.24  | 170                    | 3.18                 | 0.33                   | 91                     | 4.7                           | 50.2                           | 25  |
| Jahr aasta   | 54.36                                 | 0.47            | 0.66 | 0.94 | 1.53 | —0.47     | —0.87 | 242                    | 5.84                 | 1.92                   | 80                     | 348.1                         | 511.8                          | 190   |

| Monat<br>Kuu | T e m p e r a t u r   T e m p e r a t u u r |                     |       |                                    |        |                   |                          | Anzahl der Tage mit<br>mitmel päewal |              |   | Bewölkung<br>pilvitus |
|--------------|---|---------------------|-------|------------------------------------|--------|-------------------|--------------------------|--------------------------------------|--------------|---|-----------------------|
|              | Mittel<br>keskm.                            | Extreme<br>äärmised |       | Mittleres Tages-   keskmise päewa- |        |                   |                          | Max.<br>≤ 0°                         | Min.<br>≤ 0° | Σ |                       |
|              |   | Max.                | Min.  | Max.                               | Min.   | $\frac{M + m}{2}$ | Differenz<br>keskm. vahe |                                      |              |   |                       |
| Januar       | — 7.45                                      | 3.4                 | —25.2 | —11.21                             | — 3.98 | — 7.60            | 0.15                     | 19                                   | 28           | — | 8.2                   |
| Februar      | — 5.15                                      | 3.2                 | —17.6 | — 8.18                             | — 2.30 | — 5.24            | 0.09                     | 18                                   | 28           | — | 7.6                   |
| März         | — 3.11                                      | 8.2                 | —15.4 | 1.15                               | — 7.03 | — 2.94            | —0.17                    | 11                                   | 30           | — | 5.3                   |
| April        | 6.86  | 22.0                | — 2.8 | 12.12                              | 2.22   | 7.17              | —0.31                    | —                                    | 7            | — | 6.6                   |
| Mai          | 8.34  | 24.6                | — 5.0 | 14.27                              | 2.32   | 8.30              | 0.04                     | —                                    | 13           | — | 4.9                   |
| Juni         | 12.16                                       | 22.8                | 1.5   | 17.57                              | 7.47   | 12.52             | —0.36                    | —                                    | —            | 2 | 7.6                   |
| Juli         | 17.34                                       | 31.3                | 7.1   | 22.75                              | 12.87  | 17.81             | —0.47                    | —                                    | —            | 1 | 6.3                   |
| August       | 13.83                                       | 23.7                | 4.8   | 18.84                              | 9.85   | 14.35             | —0.52                    | —                                    | —            | — | 6.9                   |
| Septemb.     | 10.50                                       | 19.5                | 2.7   | 15.02                              | 7.09   | 11.06             | —0.56                    | —                                    | —            | — | 7.2                   |
| Oktober      | 8.15  | 19.8                | — 1.9 | 11.59                              | 5.14   | 8.37              | —0.22                    | —                                    | 2            | — | 7.0                   |
| Novemb.      | 1.84  | 10.3                | — 7.2 | 3.91                               | — 0.27 | 1.82              | 0.02                     | 6                                    | 14           | — | 8.3                   |
| Dezemb.      | — 4.34                                      | 3.0                 | —17.9 | — 2.19                             | — 6.44 | — 4.32            | —0.02                    | 23                                   | 30           | — | 9.2                   |
| Jahr aasta   | 4.91  | 31.3                | —25.2 | 7.97                               | 2.24   | 5.11              | —0.20                    | 77                                   | 152          | 3 | 7.1                   |

Monatsmittel.

1918.

Igakuulised keskmised.

## F e u c h t i g k e i t.

## N i i s k u s.

| Monat<br>Kuu | Absolute absoluutne<br>mm |       |       |                  | Compleitive täisniiskuse<br>puudus mm |      |      |                  | Relative relatiivne<br>% |     |     |                  |
|--------------|---------------------------|-------|-------|------------------|---------------------------------------|------|------|------------------|--------------------------|-----|-----|------------------|
|              | 7h                        | 13h   | 21h   | Mittel<br>keskm. | 7h                                    | 13h  | 21h  | Mittel<br>keskm. | 7h                       | 13h | 21h | Mittel<br>keskm. |
| Januar       | 2.61                      | 2.81  | 2.65  | 2.69             | 0.32                                  | 0.36 | 0.36 | 0.35             | 88                       | 87  | 87  | 87               |
| Februar      | 2.80                      | 2.90  | 2.77  | 2.82             | 0.45                                  | 0.66 | 0.51 | 0.54             | 86                       | 81  | 84  | 84               |
| März         | 2.60                      | 2.78  | 2.86  | 2.75             | 0.53                                  | 1.69 | 0.91 | 1.04             | 82                       | 62  | 76  | 73               |
| April        | 5.05                      | 5.25  | 5.31  | 5.20             | 1.33                                  | 4.65 | 2.04 | 2.67             | 81                       | 59  | 75  | 72               |
| Mai          | 5.12                      | 4.62  | 4.81  | 4.85             | 2.56                                  | 6.80 | 3.46 | 4.28             | 67                       | 41  | 58  | 55               |
| Juni         | 7.84                      | 7.33  | 7.93  | 7.70             | 1.87                                  | 5.71 | 2.74 | 3.44             | 81                       | 58  | 75  | 71               |
| Juli         | 11.49                     | 10.89 | 10.95 | 11.11            | 2.42                                  | 7.57 | 3.71 | 4.57             | 84                       | 62  | 76  | 74               |
| August       | 9.42                      | 9.18  | 9.49  | 9.36             | 1.25                                  | 5.29 | 1.88 | 2.81             | 89                       | 65  | 84  | 79               |
| September    | 8.03                      | 8.28  | 8.12  | 8.14             | 0.55                                  | 3.02 | 0.97 | 1.51             | 94                       | 75  | 89  | 86               |
| Oktober      | 7.10                      | 7.60  | 7.18  | 7.29             | 0.35                                  | 2.10 | 0.74 | 1.06             | 95                       | 80  | 90  | 88               |
| November     | 4.86                      | 5.19  | 4.93  | 4.99             | 0.32                                  | 0.48 | 0.40 | 0.40             | 94                       | 91  | 92  | 92               |
| Dezember     | 3.09                      | 3.25  | 3.19  | 3.18             | 0.30                                  | 0.36 | 0.33 | 0.33             | 91                       | 90  | 91  | 91               |
| Jahr aasta   | 5.83                      | 5.84  | 5.85  | 5.84             | 1.02                                  | 3.22 | 1.50 | 1.92             | 86                       | 71  | 82  | 79               |

## E x t r e m e. Ä ä r m i s e d s u u r u s e d.

| Monat<br>Kuu | Luftdruck õhurõhuline |           |            |          | Verdunstung auramine |                |         |                  | Niederschläge sadameid |                  |
|--------------|-----------------------|-----------|------------|----------|----------------------|----------------|---------|------------------|------------------------|------------------|
|              | Maximum               |           | Minimum    |          | Maximum              |                | Minimum |                  | Maximum                |                  |
|              | 700mm<br>+            | Zeit aeg  | 700mm<br>+ | Zeit aeg | mm                   | Datum<br>kuup. | mm      | Datum<br>kuupäew | mm                     | Datum<br>kuupäew |
| Januar       | 69.6                  | 25, 1h    | 22.0       | 16, 8h   | 0.3                  | 24             | 0.0     | 19 mal           | 4.3                    | 23               |
| Februar      | 73.4                  | 16, 0h    | 30.0       | 27, 16h  | 0.8                  | 9              | 0.0     | 9 "              | 6.8                    | 8                |
| März         | 77.3                  | 5, 12h    | 36.9       | 23, 23h  | 2.2                  | 29             | 0.0     | 3 "              | 1.8                    | 11               |
| April        | 67.9                  | 25, 9h    | 49.4       | 18, 18h  | 3.1                  | 26             | 0.1     | 3 "              | 4.8                    | 4                |
| Mai          | 66.7                  | 11, 7h    | 48.0       | 31, 7h   | 4.4                  | 18             | 0.5     | 9 "              | 0.8                    | 25               |
| Juni         | 59.4                  | 29, 7h    | 38.7       | 15, 0h   | 4.0                  | 25             | 0.4     | 4, 27            | 10.5                   | 30               |
| Juli         | 61.0                  | 3, 10h    | 41.4       | 31, 7h   | 3.4                  | 2              | 0.0     | 7                | 33.4                   | 6                |
| August       | 58.9                  | 10, 12h   | 43.6       | 19, 12h  | 2.8                  | 24             | 0.4     | 3 mal            | 6.7                    | 17               |
| September    | 60.6                  | 8, 12h    | 39.0       | 15, 13h  | 2.5                  | 21             | 0.1     | 18               | 14.9                   | 17               |
| Oktober      | 69.4                  | 30, 22h   | 42.3       | 1, 15h   | 2.2                  | 1              | 0.0     | 3 mal            | 22.6                   | 27               |
| November     | 68.5                  | 7, 12h    | 50.6       | 12, 6h   | 2.6                  | 1              | 0.0     | 3 "              | 4.7                    | 10               |
| Dezember     | 65.6                  | 14, 10h   | 30.9       | 29, 13h  | 0.5                  | 19             | 0.0     | 13 "             | 7.8                    | 28               |
| Jahr aasta   | 77.3                  | 5 III 12h | 22.0       | 16 I 8h  | 4.4                  | 18 V           | 0.0     | 51 mal           | 33.4                   | 6 VII            |

Von der Wasserhöhe der Niederschläge im Jahre 1918 kommen auf Schnee 90.5 mm, und zwar: im Januar 32.2, Februar 16.2, März 3.1, April 0.4, November 4.3, Dezember 34.3 mm.

In den Pentaden  
Schnee:

|     |     |     |     |     |      |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|
| 1   | 2   | 3   | 4   | 5   | 8    | 9   | 10  | 11  | 12  | 14  | 16   | 17  |
| 5.8 | 4.9 | 6.7 | 8.1 | 6.7 | 10.4 | 2.4 | 0.3 | 1.5 | 1.6 | 1.8 | 0.2  | 0.7 |
| 18  | 19  | 64  | 65  | 66  | 67   | 68  | 69  | 70  | 71  | 72  | 73   |     |
| 0.4 | 0.4 | 0.1 | 2.2 | 0.3 | 1.7  | 0.7 | 2.1 | 8.1 | 6.0 | 4.5 | 12.9 |     |

Von den 3 Gewittertagen entfielen je einer auf die 34, 37 und 38 Pentade.

Temperatur: Max. 31°3 am 4 VII 14h; Min. — 25°2 am 25 I 5h; Differenz 56°5 in 170 Tagen. Letzter Nachtfrost am 29. Mai, erster Nachtfrost nach 145 Tagen am 21. Oktober.

| Pentaden.<br>Pentadid. | Luftdruck<br>õhurõhmine<br>(700 mm +) | Temperatur<br>temperatuur<br>C° | Bewölkung<br>pilwitus | Windgeschw. m/sek. Richt. N. über E.<br>Tuule kiirus m/sek. siht N-ist üle E. |      |      |      |                            |                      | Feuchthgk.<br>niiskus |                             | Niedersch.<br>sademed |        | Anz. d. Tage mit N.<br>mitmel päeval sad. | Verdunstung<br>auramine |
|------------------------|---------------------------------------|---------------------------------|-----------------------|---|------|------|------|----------------------------|----------------------|-----------------------|-----------------------------|-----------------------|--------|---|-------------------------|
|                        |                                       |                                 |                       | Komponenten<br>Osatuuled  |      |      |      | Resultante<br>resultant    |                      | Absolute<br>absolutne | Completive<br>täisn. puudus | 7h—21h                | 21h—7h |   |                         |
|                        |                                       |                                 |                       | N   | E    | S    | W    | Grösse<br>suurus<br>m/sek. | Richt.<br>siht<br>φ° |                       |                             |                       |        |   |                         |
| 1                      | 41.79                                 | —10.08                          | 7.3                   | 1.16  | 0.40 | 0.62 | 1.49 | 1.21                       | 296                  | 1.96                  | 0.33                        | 3.9                   | 1.9    | 4   | 0.1                     |
| 2                      | 36.82                                 | —12.32                          | 7.5                   | 0.24  | 0.92 | 1.18 | 1.90 | 1.35                       | 226                  | 1.69                  | 0.33                        | 1.8                   | 3.1    | 5   | 0.1                     |
| 3                      | 44.67                                 | —15.76                          | 6.4                   | 0.08  | 0.66 | 1.14 | 1.01 | 1.12                       | 199                  | 1.27                  | 0.20                        | 5.0                   | 1.7    | 4   | 0.1                     |
| 4                      | 42.81                                 | — 7.94                          | 9.1                   | 0.30  | 0.51 | 1.54 | 2.59 | 2.41                       | 239                  | 2.40                  | 0.35                        | 4.6                   | 3.5    | 5   | 0.3                     |
| 5                      | 56.98                                 | — 1.40                          | 8.6                   | 0.44  | 0.31 | 1.02 | 1.34 | 1.18                       | 241                  | 3.91                  | 0.45                        | 2.8                   | 4.5    | 5   | 0.6                     |
| 6                      | 57.10                                 | 1.15                            | 10.0                  | 0.14  | —    | 0.96 | 4.28 | 4.36                       | 259                  | 4.55                  | 0.43                        | 0.8                   | 2.0    | 4   | 0.4                     |
| 7                      | 65.11                                 | 0.02                            | 7.5                   | 0.22  | 0.01 | 0.78 | 4.04 | 4.07                       | 262                  | 4.02                  | 0.58                        | 0.1                   | —      | 1   | 1.3                     |
| 8                      | 51.68                                 | — 1.26                          | 9.6                   | 0.12  | 0.03 | 1.54 | 2.60 | 2.94                       | 241                  | 3.63                  | 0.59                        | 1.6                   | 8.8    | 3   | 1.0                     |
| 9                      | 49.40                                 | — 5.42                          | 9.8                   | 1.41  | 0.35 | 0.69 | 1.98 | 1.78                       | 294                  | 2.70                  | 0.53                        | 2.0                   | 2.6    | 5   | 0.5                     |
| 10                     | 70.28                                 | — 8.03                          | 5.3                   | 0.96  | 1.07 | 0.33 | 0.81 | 0.68                       | 22                   | 2.11                  | 0.56                        | —                     | 0.3    | 1   | 1.1                     |
| 11                     | 55.80                                 | —11.90                          | 6.4                   | 0.05  | 0.88 | 0.46 | 0.18 | 0.82                       | 120                  | 1.72                  | 0.25                        | 1.0                   | 0.5    | 4   | 0.3                     |
| 12                     | 43.71                                 | — 3.18                          | 6.6                   | 0.16  | —    | 0.80 | 3.77 | 3.82                       | 260                  | 2.92                  | 0.81                        | 1.0                   | 0.6    | 3   | 1.1                     |
| 13                     | 71.12                                 | — 4.26                          | 2.0                   | 0.06  | 0.36 | 0.68 | 0.55 | 0.64                       | 197                  | 2.10                  | 1.41                        | 0.0                   | —      | —   | 2.6                     |
| 14                     | 63.24                                 | — 3.27                          | 2.1                   | 0.43  | 0.03 | 0.30 | 2.26 | 2.23                       | 273                  | 2.64                  | 1.01                        | 0.1                   | 1.7    | 1   | 2.5                     |
| 15                     | 62.90                                 | — 2.82                          | 7.2                   | 0.55  | 0.56 | 0.48 | 2.73 | 2.17                       | 272                  | 3.18                  | 0.63                        | 0.0                   | —      | —   | 1.1                     |
| 16                     | 58.16                                 | — 1.35                          | 7.8                   | 0.27  | 0.02 | 0.22 | 2.86 | 2.84                       | 271                  | 3.43                  | 0.73                        | 0.0                   | 0.2    | 1   | 1.2                     |
| 17                     | 45.80                                 | — 3.03                          | 6.3                   | 1.79  | 0.45 | 0.29 | 3.10 | 3.04                       | 299                  | 2.95                  | 0.98                        | 0.7                   | 0.0    | 2   | 3.9                     |
| 18                     | 54.52                                 | — 3.48                          | 6.6                   | 0.46  | 0.84 | 1.57 | 2.00 | 1.60                       | 226                  | 2.33                  | 1.48                        | 0.3                   | 0.1    | 3   | 6.4                     |
| 19                     | 58.45                                 | 3.13                            | 8.9                   | —   | 1.26 | 2.01 | 0.02 | 2.36                       | 148                  | 4.68                  | 1.17                        | 1.5                   | 5.3    | 3   | 2.3                     |
| 20                     | 58.84                                 | 2.81                            | 6.7                   | 0.19  | 2.07 | 0.73 | 0.42 | 1.74                       | 108                  | 4.62                  | 0.96                        | 0.1                   | —      | 1   | 2.4                     |
| 21                     | 57.60                                 | 9.42                            | 7.0                   | 0.46  | 0.77 | 0.87 | 0.43 | 0.53                       | 141                  | 5.91                  | 3.29                        | —                     | 0.1    | 1   | 9.9                     |
| 22                     | 55.62                                 | 7.57                            | 5.7                   | 0.12  | 1.39 | 1.13 | 0.04 | 1.69                       | 127                  | 5.38                  | 3.00                        | 0.1                   | 0.2    | 1   | 5.7                     |
| 23                     | 64.12                                 | 9.79                            | 3.9                   | 0.51  | 2.34 | 0.29 | —    | 2.35                       | 85                   | 5.16                  | 4.31                        | —                     | —      | —   | 9.0                     |
| 24                     | 59.49                                 | 8.45                            | 7.2                   | 0.68  | 0.39 | 0.52 | 0.95 | 0.58                       | 285                  | 5.47                  | 3.31                        | 1.3                   | 0.2    | 2   | 8.0                     |
| 25                     | 61.45                                 | 3.78                            | 4.4                   | 1.42  | 0.44 | 0.14 | 2.07 | 2.08                       | 308                  | 3.46                  | 3.03                        | 0.1                   | 0.0    | 1   | 10.3                    |
| 26                     | 59.16                                 | 3.00                            | 4.7                   | 0.94  | 1.62 | 0.16 | 0.67 | 1.22                       | 51                   | 3.39                  | 2.65                        | 0.0                   | —      | —   | 6.8                     |
| 27                     | 63.62                                 | 7.65                            | 2.5                   | 0.08  | 1.33 | 0.90 | 0.24 | 1.37                       | 127                  | 3.78                  | 4.65                        | —                     | —      | —   | 11.8                    |
| 28                     | 56.97                                 | 15.24                           | 6.0                   | 0.59  | 0.02 | 0.54 | 3.48 | 3.46                       | 271                  | 7.23                  | 6.48                        | —                     | —      | —   | 17.6                    |
| 29                     | 52.76                                 | 11.56                           | 7.1                   | 1.58  | 0.80 | 0.20 | 1.26 | 1.46                       | 341                  | 6.31                  | 4.51                        | 0.8                   | 0.7    | 2   | 14.4                    |
| 30                     | 54.93                                 | 8.30                            | 4.5                   | 1.62  | 0.89 | 0.20 | 1.15 | 1.44                       | 350                  | 4.78                  | 4.27                        | —                     | —      | —   | 11.8                    |
| 31                     | 48.90                                 | 7.19                            | 8.1                   | 2.18  | 0.43 | 0.10 | 1.82 | 2.50                       | 326                  | 5.63                  | 2.34                        | 2.8                   | 5.0    | 4   | 7.4                     |
| 32                     | 52.70                                 | 11.82                           | 7.7                   | 1.44  | 0.80 | 0.17 | 0.57 | 1.28                       | 10                   | 6.91                  | 3.94                        | 1.3                   | 0.2    | 2   | 9.6                     |
| 33                     | 47.99                                 | 12.34                           | 7.5                   | 0.84  | 0.04 | 0.28 | 2.00 | 2.04                       | 286                  | 7.54                  | 3.55                        | 6.7                   | 7.8    | 4   | 8.9                     |
| 34                     | 48.83                                 | 12.74                           | 7.1                   | 0.12  | 0.42 | 1.44 | 3.16 | 3.04                       | 244                  | 7.23                  | 4.16                        | 2.5                   | 0.0    | 1   | 12.6                    |
| 35                     | 49.34                                 | 14.56                           | 7.1                   | 0.22  | 0.71 | 0.93 | 0.61 | 0.72                       | 172                  | 8.63                  | 4.27                        | 3.5                   | 1.7    | 3   | 10.3                    |
| 36                     | 52.36                                 | 13.12                           | 7.8                   | 0.18  | 0.60 | 1.37 | 0.84 | 1.22                       | 192                  | 8.91                  | 2.77                        | 13.6                  | 7.8    | 5   | 6.4                     |
| 37                     | 57.80                                 | 21.72                           | 3.6                   | 0.23  | 1.67 | 0.68 | 0.14 | 1.60                       | 107                  | 13.15                 | 7.54                        | 1.1                   | 10.5   | 2   | 11.0                    |
| 38                     | 49.94                                 | 17.66                           | 6.6                   | 0.43  | 0.14 | 0.30 | 1.47 | 1.33                       | 276                  | 10.89                 | 5.37                        | 43.4                  | 9.3    | 2   | 7.4                     |
| 39                     | 52.34                                 | 16.87                           | 5.6                   | 0.42  | 0.04 | 0.36 | 2.51 | 2.46                       | 271                  | 10.28                 | 4.81                        | 0.0                   | 0.1    | 1   | 11.6                    |
| 40                     | 53.74                                 | 14.52                           | 6.3                   | 0.90  | 0.38 | 0.33 | 1.25 | 1.04                       | 303                  | 9.11                  | 3.77                        | 1.5                   | 0.1    | 1   | 9.7                     |
| 41                     | 49.94                                 | 16.99                           | 7.1                   | 0.72  | 0.30 | 0.18 | 1.00 | 0.88                       | 308                  | 10.99                 | 4.14                        | 3.5                   | 1.2    | 2   | 8.3                     |
| 42                     | 47.86                                 | 16.50                           | 7.6                   | 0.54  | 0.11 | 0.33 | 1.47 | 1.38                       | 279                  | 11.71                 | 2.63                        | 17.5                  | 10.2   | 4   | 5.6                     |
| 43                     | 47.32                                 | 15.93                           | 9.9                   | 2.23  | 1.82 | —    | 0.16 | 2.78                       | 37                   | 12.27                 | 1.37                        | 20.6                  | 4.1    | 3   | 3.0                     |
| 44                     | 52.70                                 | 15.46                           | 5.7                   | 0.67  | 0.96 | 0.12 | 0.20 | 0.93                       | 54                   | 10.05                 | 3.47                        | —                     | 0.0    | —   | 6.0                     |
| 45                     | 56.95                                 | 15.63                           | 4.3                   | 0.76  | 0.93 | 0.32 | 0.61 | 0.54                       | 36                   | 8.99                  | 4.79                        | 0.2                   | —      | 1   | 8.8                     |



Pentaden.

1918.

Pentadid.

| Pentaden<br>Pentadid | Luftdruck<br>õhurõhmine<br>(700 mm +) | Temperatur<br>temperatuur<br>C° | Bewölkung<br>pilwitus | Windgeschw. m/sek. Richt. N. über E.<br>Tuule kiirus m/sek. siht N-ist üle E. |      |      |      |                            |                      | Feuchtigk.<br>niiskus |                           | Niedersch.<br>sademed |        | Anz. d. Tage mit N.<br>mitmel päewal sad. | Verdunstung<br>auramine |
|----------------------|---------------------------------------|---------------------------------|-----------------------|---|------|------|------|----------------------------|----------------------|-----------------------|---------------------------|-----------------------|--------|---|-------------------------|
|                      |                                       |                                 |                       | Komponenten<br>Osatuuled  |      |      |      | Resultante<br>resultant    |                      | Absolute<br>absolutne | Complete<br>täisn. puudus | 7h—21h                | 21h—7h |   |                         |
|                      |                                       |                                 |                       | N   | E    | S    | W    | Grösse<br>suurus<br>m/sek. | Richt.<br>siht<br>φ° |                       |                           |                       |        |   |                         |
| 46                   | 47.48                                 | 14.45                           | 8.3                   | 0.24  | 0.06 | 0.88 | 2.65 | 2.67                       | 256                  | 10.21                 | 2.40                      | 8.8                   | 4.1    | 4   | 5.0                     |
| 47                   | 47.60                                 | 12.84                           | 7.6                   | 0.53  | 0.03 | 0.68 | 2.19 | 2.17                       | 266                  | 8.86                  | 2.50                      | 8.4                   | 1.9    | 3   | 7.7                     |
| 48                   | 50.90                                 | 11.44                           | 7.1                   | 0.36  | 0.00 | 0.47 | 2.97 | 2.97                       | 268                  | 8.07                  | 2.17                      | 10.4                  | 1.8    | 3   | 6.0                     |
| 49                   | 52.15                                 | 11.85                           | 7.8                   | 0.19  | 0.73 | 0.95 | 0.79 | 0.76                       | 185                  | 9.01                  | 1.61                      | 9.4                   | 0.6    | 3   | 3.3                     |
| 50                   | 47.64                                 | 11.11                           | 5.6                   | 0.33  | 0.04 | 1.20 | 2.59 | 2.69                       | 251                  | 7.71                  | 2.43                      | 2.9                   | 3.7    | 4   | 7.1                     |
| 51                   | 51.16                                 | 10.84                           | 6.8                   | 0.05  | 0.95 | 1.66 | 0.89 | 1.62                       | 178                  | 8.07                  | 1.87                      | 13.0                  | 11.4   | 4   | 4.9                     |
| 52                   | 47.24                                 | 9.04                            | 7.8                   | 0.11  | 0.34 | 1.24 | 2.67 | 2.59                       | 244                  | 7.55                  | 1.05                      | 16.1                  | 17.6   | 5   | 4.0                     |
| 53                   | 48.07                                 | 11.18                           | 7.7                   | 0.08  | 0.40 | 1.34 | 3.04 | 2.92                       | 245                  | 8.73                  | 1.26                      | 3.2                   | 1.0    | 4   | 6.2                     |
| 54                   | 48.46                                 | 10.63                           | 7.1                   | 0.03  | 0.40 | 2.26 | 1.98 | 2.73                       | 215                  | 8.30                  | 1.39                      | 4.1                   | 3.6    | 4   | 5.4                     |
| 55                   | 46.72                                 | 8.17                            | 7.0                   | 0.11  | 0.24 | 2.23 | 3.02 | 3.50                       | 233                  | 6.81                  | 1.45                      | 6.0                   | 9.5    | 5   | 5.8                     |
| 56                   | 58.26                                 | 7.56                            | 5.9                   | —   | 0.60 | 2.26 | 1.40 | 2.39                       | 199                  | 6.91                  | 1.09                      | 7.4                   | 0.8    | 2   | 4.3                     |
| 57                   | 60.12                                 | 9.55                            | 5.6                   | 0.03  | 0.26 | 1.57 | 1.10 | 1.76                       | 208                  | 7.69                  | 1.44                      | 7.1                   | 7.4    | 4   | 4.1                     |
| 58                   | 58.25                                 | 12.01                           | 6.8                   | 0.01  | 1.52 | 1.01 | 0.12 | 1.72                       | 126                  | 9.49                  | 1.24                      | 0.2                   | 3.7    | 4   | 1.9                     |
| 59                   | 62.44                                 | 6.42                            | 4.8                   | 0.61  | 0.35 | 0.49 | 1.62 | 1.27                       | 276                  | 6.25                  | 1.27                      | 0.0                   | —      | —   | 3.3                     |
| 60                   | 51.46                                 | 5.98                            | 9.3                   | —   | 0.54 | 1.11 | 1.11 | 1.25                       | 207                  | 6.55                  | 0.51                      | 22.4                  | 10.9   | 4   | 1.6                     |
| 61                   | 63.84                                 | 6.88                            | 8.8                   | 0.12  | 1.22 | 0.74 | 0.84 | 0.72                       | 149                  | 6.90                  | 0.55                      | 1.3                   | 2.6    | 3   | 3.3                     |
| 62                   | 64.14                                 | 4.14                            | 9.1                   | —   | 2.21 | 2.34 | 0.16 | 3.10                       | 139                  | 5.84                  | 0.44                      | 0.0                   | 0.1    | 1   | 1.0                     |
| 63                   | 65.35                                 | 5.20                            | 9.6                   | —   | 0.09 | 2.82 | 1.00 | 2.97                       | 198                  | 6.19                  | 0.51                      | 4.6                   | 4.0    | 3   | 2.8                     |
| 64                   | 59.95                                 | 1.96                            | 7.8                   | 0.10  | —    | 0.82 | 2.38 | 2.48                       | 253                  | 5.11                  | 0.23                      | 0.5                   | 0.4    | 3   | 1.0                     |
| 65                   | 58.06                                 | 0.09                            | 6.8                   | 0.37  | 0.01 | 0.80 | 2.50 | 2.53                       | 260                  | 4.41                  | 0.30                      | 1.5                   | 3.4    | 3   | 1.3                     |
| 66                   | 57.44                                 | 1.46                            | 7.4                   | 0.02  | 0.43 | 1.40 | 3.54 | 3.40                       | 246                  | 4.70                  | 0.47                      | 0.3                   | —      | 1   | 1.9                     |
| 67                   | 61.06                                 | — 3.39                          | 10.0                  | —   | 1.25 | 1.17 | 0.03 | 1.69                       | 134                  | 3.29                  | 0.31                      | —                     | 1.7    | 1   | 0.5                     |
| 68                   | 55.58                                 | — 0.63                          | 8.8                   | 0.96  | 0.15 | 1.28 | 1.61 | 1.50                       | 258                  | 3.82                  | 0.58                      | 6.5                   | 7.7    | 4   | 1.6                     |
| 69                   | 59.40                                 | — 7.99                          | 8.2                   | 0.74  | 1.42 | 0.14 | 0.54 | 1.07                       | 55                   | 2.22                  | 0.39                      | 1.2                   | 0.9    | 3   | 0.7                     |
| 70                   | 59.69                                 | — 8.76                          | 9.7                   | 0.30  | 0.65 | 1.63 | 0.67 | 1.33                       | 181                  | 2.49                  | 0.22                      | 5.5                   | 5.0    | 5   | 0.1                     |
| 71                   | 47.17                                 | — 1.66                          | 9.5                   | —   | 2.00 | 2.68 | 0.62 | 3.02                       | 153                  | 3.83                  | 0.34                      | 3.2                   | 2.8    | 4   | 1.5                     |
| 72                   | 49.74                                 | — 3.08                          | 9.6                   | —   | 1.83 | 2.45 | 0.27 | 2.90                       | 148                  | 3.47                  | 0.26                      | 3.6                   | 0.9    | 5   | 0.6                     |
| 73                   | 43.93                                 | — 4.22                          | 9.4                   | —   | 0.22 | 1.86 | 1.28 | 2.13                       | 210                  | 3.17                  | 0.20                      | 5.7                   | 7.2    | 4   | 0.0                     |
| Mittel<br>keskm.     | 54.34                                 | 4.97                            | 7.1                   | 0.47  | 0.66 | 0.94 | 1.53 | 0.99                       | 242                  | 5.86                  | 1.93                      | 301.1                 | 210.7  | 190                                       | 348.1                   |

1918 a. sademetest oli lund, wee pääle ümber arwatud, 90,5 mm., nimelt: jaanuaris 32,2, weebruaris 16,2, märtsis 3,1, aprillis 0,4, novembris 4,3, detsembris 34,3 mm.

Pentadides lund :

|     |     |     |     |     |      |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|
| 1   | 2   | 3   | 4   | 5   | 8    | 9   | 10  | 11  | 12  | 14  | 16   | 17  |
| 5.8 | 4.9 | 6.7 | 8.1 | 6.7 | 10.4 | 2.4 | 0.3 | 1.5 | 1.6 | 1.8 | 0.2  | 0.7 |
| 18  | 19  | 64  | 65  | 66  | 67   | 68  | 69  | 70  | 71  | 72  | 73   |     |
| 0.4 | 0.4 | 0.1 | 2.2 | 0.3 | 1.7  | 0.7 | 2.1 | 8.1 | 6.0 | 4.5 | 12.9 |     |

Kolmest pikse-päewast oli üks 34, 37 ja 38 pentadis.

Temperatuur: Max. 31°3 oli 4VII k. 14, Min. — 25°2 15 I k. 5; nende wahe 56°5 ja 170 päewa. Wiimane öökülm oli 29. mail, esimene öökülm 145 päewa järele 21. oktoobril.

1918.

| Sonnnenscheindauer in % ihrer möglichen Dauer<br>Päiksepaiste kestvus wõimaliku kestwuse %-des |         |        |       |       |     |       |       |        |       |      |      |       |
|--|---------|--------|-------|-------|-----|-------|-------|--------|-------|------|------|-------|
| Datum<br>kuupäew   | Januar  | Febr.  | März  | April | Mai | Juni  | Juli  | August | Sept. | Okt. | Nov. | Dez.  |
| 1  | 8       | —      | 87    | —     | 88  | 37    | 31    | 7      | —     | —    | 61   | —     |
| 2  | —       | 75     | 73    | 68    | 87  | 30    | 99    | —      | —     | 51   | —    | —     |
| 3  | —       | 74     | 89    | 2     | 90  | 55    | 88    | —      | 61    | 61   | —    | —     |
| 4  | —       | —      | 91    | 20    | 84  | —     | 86    | 13     | 63    | 96   | —    | —     |
| 5  | 58      | —      | 94    | 4     | 68  | 54    | 73    | —      | 29    | —    | —    | 30    |
| 6  | 6       | —      | 93    | 1     | 52  | 48    | 44    | 83     | 45    | 17   | —    | —     |
| 7  | —       | —      | 90    | 83    | 62  | 33    | —     | 61     | 72    | 5    | —    | 48    |
| 8  | 22      | 1      | 90    | —     | 77  | 8     | 10    | 91     | 85    | 32   | —    | —     |
| 9  | —       | 8      | 87    | —     | 55  | 26    | 69    | 96     | 56    | —    | —    | —     |
| 10   | 47      | —      | 89    | 78    | 73  | 37    | 62    | 94     | 23    | 99   | —    | 8     |
| 11   | —       | —      | 77    | 80    | 89  | 28    | 54    | 75     | —     | 98   | 7    | 5     |
| 12   | 32      | —      | —     | 69    | 89  | 38    | 13    | 78     | —     | —    | 21   | —     |
| 13   | 66      | —      | 90    | 74    | 75  | 21    | 62    | 52     | 31    | —    | 6    | —     |
| 14   | 9       | —      | 49    | 33    | 86  | 61    | 59    | 59     | 23    | 66   | 16   | 8     |
| 15   | —       | 17     | 12    | 1     | 81  | 56    | 59    | —      | 17    | 68   | —    | —     |
| 16   | —       | —      | 42    | 28    | 47  | 36    | 36    | 25     | 41    | —    | —    | —     |
| 17   | 24      | —      | 78    | 81    | 63  | 60    | 17    | 20     | —     | 53   | —    | —     |
| 18   | 8       | 78     | 72    | 42    | 89  | 42    | 44    | 12     | —     | 66   | —    | —     |
| 19   | —       | 68     | —     | 3     | 66  | 20    | 74    | 63     | 10    | 99   | 13   | 58    |
| 20   | 38      | 69     | —     | 62    | 59  | 42    | 67    | 10     | 9     | 20   | 17   | —     |
| 21   | —       | 23     | 22    | 84    | 44  | 45    | 64    | 47     | 65    | 97   | 100  | —     |
| 22   | —       | 23     | —     | 83    | 23  | 20    | 65    | 46     | 73    | —    | 47   | —     |
| 23   | —       | 22     | 47    | —     | 43  | 43    | 41    | 24     | 72    | —    | —    | 5     |
| 24   | 3       | 3      | 38    | 83    | 50  | 61    | 6     | 54     | 39    | 5    | —    | —     |
| 25   | —       | 66     | 70    | 90    | 54  | 24    | 2     | 6      | 27    | 8    | —    | —     |
| 26   | —       | 12     | 58    | 79    | 85  | 46    | 3     | 33     | 41    | —    | 82   | —     |
| 27   | —       | —      | 58    | 42    | 50  | 25    | 7     | 46     | 18    | —    | —    | 6     |
| 28   | —       | 45     | 77    | 1     | 61  | 32    | 79    | 8      | 24    | —    | —    | —     |
| 29   | —       | —      | 12    | 17    | 64  | —     | 41    | 47     | 42    | —    | —    | —     |
| 30   | —       | —      | 87    | 3     | 69  | 15    | —     | 52     | 24    | —    | —    | —     |
| 31   | —       | —      | 45    | —     | 49  | —     | —     | 69     | —     | —    | —    | —     |
| Monat Kuu  | 10      | 24     | 58    | 41    | 67  | 35    | 44    | 41     | 33    | 31   | 12   | 5     |
| Stunde tund  | Jaauuar | Weebr. | Märts | April | Mai | Juuni | Juuli | August | Sept. | Okt. | Now. | Dets. |
| 1  | —       | —      | —     | —     | —   | —     | —     | —      | —     | —    | —    | —     |
| 2  | —       | —      | —     | —     | —   | —     | —     | —      | —     | —    | —    | —     |
| 3  | —       | —      | —     | —     | —   | —     | —     | —      | —     | —    | —    | —     |
| 4  | —       | —      | —     | —     | 12  | 5     | 20    | —      | —     | —    | —    | —     |
| 5  | —       | —      | —     | 13    | 69  | 27    | 42    | 21     | —     | —    | —    | —     |
| 6  | —       | —      | 24    | 22    | 82  | 43    | 48    | 33     | —     | —    | —    | —     |
| 7  | —       | 10     | 49    | 45    | 89  | 51    | 52    | 34     | 26    | 24   | 0    | —     |
| 8  | —       | 12     | 67    | 48    | 90  | 50    | 58    | 44     | 36    | 24   | 3    | —     |
| 9  | —       | 30     | 70    | 61    | 85  | 55    | 56    | 50     | 44    | 31   | 8    | 4     |
| 10   | 9       | 28     | 69    | 54    | 78  | 54    | 60    | 52     | 45    | 30   | 9    | 8     |
| 11   | 16      | 27     | 68    | 51    | 78  | 39    | 49    | 54     | 41    | 32   | 10   | 6     |
| 12   | 22      | 34     | 72    | 49    | 78  | 42    | 54    | 49     | 39    | 35   | 13   | 8     |
| 13   | 17      | 30     | 72    | 50    | 77  | 36    | 48    | 45     | 42    | 35   | 21   | 5     |
| 14   | 7       | 24     | 64    | 45    | 70  | 39    | 48    | 42     | 44    | 35   | 18   | 3     |
| 15   | —       | 22     | 64    | 48    | 69  | 33    | 42    | 43     | 41    | 34   | 16   | 1     |
| 16   | —       | 13     | 59    | 45    | 71  | 29    | 45    | 38     | 35    | 33   | 3    | —     |
| 17   | —       | —      | 22    | 43    | 66  | 44    | 47    | 38     | 23    | 34   | —    | —     |
| 18   | —       | —      | —     | 16    | 69  | 43    | 41    | 37     | 12    | —    | —    | —     |
| 19   | —       | —      | —     | 0     | 33  | 27    | 39    | 37     | 14    | —    | —    | —     |
| 20   | —       | —      | —     | —     | 1   | 12    | 20    | 53     | —     | —    | —    | —     |
| 21   | —       | —      | —     | —     | —   | 2     | 12    | —      | —     | —    | —    | —     |
| 22   | —       | —      | —     | —     | —   | —     | —     | —      | —     | —    | —    | —     |
| 23   | —       | —      | —     | —     | —   | —     | —     | —      | —     | —    | —    | —     |
| 24   | —       | —      | —     | —     | —   | —     | —     | —      | —     | —    | —    | —     |
| Monat Kuu  | 10      | 24     | 58    | 41    | 67  | 35    | 44    | 41     | 33    | 31   | 12   | 5     |

## Konstanten. Konstandid.

Geographische Koordinaten des  
Meteorologischen Observatoriums

Breite 58° 22' 41" N laius  
Länge 1h 46m 53s.0 E. Gr. pikkus

Ilmade Observatoriumi geogra-  
filised koordinaadid

Seehöhe des Nullpunktes des  
Barometers

74.5 m.

Baromeetri nullpunkti kõrgus  
merepinnast

Korrektion des Barometers  
Schultze № 2

0.53 mm.

Schultze baromeetri № 2 kor-  
rektsioon

Reduktion der Barometerstände  
auf die normale Schwere

0.9 mm.

Baromeetri arwude reduktsioon  
normal-raskuse peale

Formel des Assmann'schen  
Psychrometers

$$f = F' - 0.5 (t - t') \frac{b}{755}$$

Assmanni psyhromeetri for-  
mul

Korrekturen des Haarhygro-  
meters Müller № 22259 für die  
Zeit vom 1. Januar bis zum  
31. Mai, abgeleitet aus Vergleichen  
zwischen dem 1. September 1917  
und 31. Mai 1918.

|       |   |
|-------|---|
| 100%  | 0 |
| 98—99 | 1 |
| 91—97 | 0 |
| 79—90 | 1 |
| 71—78 | 2 |

Juushygromeetri Müller № 22259  
korrektsioonid aja jaoks 1. jaa-  
nuarist kuni 31. maini, mis on saa-  
dud sõrdluste abil 1. sep-  
tembri 1917 ja 31. mai 1918  
wahel.

Korrekturen des Haarhygrome-  
ters des Physikalischen Haupt-  
observatoriums № 317 für die  
Zeit vom 1. Nov. bis zum 31. Dez.,  
abgeleitet aus 264 Vergleichen.

|         |   |
|---------|---|
| 97—100% | 0 |
| 92—96   | 1 |
| 73—91   | 2 |
| 68—72   | 3 |

Fysika Pääobservatoriumi juus-  
hygromeetri № 317 korrektsoonid  
aja jaoks 1. nowembrist kuni  
31. detsembrini, saawutatud 264  
wõrdlustest.

Formel des Anemographen v.  
Oettingen-Schultze № 4. Der in  
1 Sek. zurückgelegte Weg in m.,  
wo n die Anzahl der Kontakte in  
3 Stunden ist.

$$v = 0.4 + 0.075 n$$

Öttingen-Schultze anemografi  
№ 4 formul: v tähendab meetrid  
sekundis, n — kontaktide arwu  
3 tunni jooksul.

Formel für die Windkompo-  
nenten:

$$vk = 0.51 \frac{k}{s} + 0.075 k.$$

Osatuulte formul.

## Meteorologische Zeichen, Meteoroloogilised märgid.

- Regen. Wihm.
- \* Schnee. Lumi.
- △ Graupeln. Teralumi.
- ▲ Hagel. Rahe.
- ≡ Nebel. Udu.
- ▷ Tau. Kaste.
- Reif. Hall.
- √ Raufrost. Härm.
- ∞ Glatteis. Jäide.
- ← Eisnadeln. Jäänõelad.
- ⊕ Schneegestöber. Lumetuisk.
- ⊗ 1, ⊗ 2... Schneedecke 1,2 cm.  
dick. Lumekate 1,2 tsent.
- ⊞ Gewitter. Pikne.

- T Donner. Kõu.
- < Blitz. Wälk.
- ⊕ Nordlicht. Wirmalised.
- ⌒ Regenbogen. Wikerkaar.
- ⊕ Sonnenring. Rõngas päikese ümber.
- ⊙ Sonnenhof. Päikese tara.
- |·| Säulen neben der Sonne. Sambad  
päikese kohal.
- ⊖ Mondring. Rõngas kuu ümber.
- ⊖ Mondhof. Kuu tara.
- ∞ Höhenrauch. Sondene.
- a Morgen 7<sup>h</sup>—13<sup>h</sup>. Hommiku k. 7—13.
- p Abend 13<sup>h</sup>—21<sup>h</sup>. Õhtu k. 13—21.
- n Nacht 21<sup>h</sup>—7<sup>h</sup>. Õösi k. 21—7.

# Wolkenbeobachtungen. Pilwede waatlused.

| 1. Radiationspunkt. Radiatsiooni kaar. |                        |               |                       |
|--|------------------------|---------------|-----------------------|
| Januar                                 |                        | Juni          |                       |
| 20 10h                                 | ENE—WNW (CiS, Ci,CiCu) | 15 21h        | ENE (Ci)              |
| Februar                                |                        | 16 21h        | ENE—WSW (CiS,Ci)      |
| 19 7h                                  | NE—SE (CiS)            | 17 11h30m—13h | NE—SW (CiCu)          |
| 25 16h                                 | E—W (Ci,CiS)           | 16h           | NE—SW (CiCu)          |
| März                                   |                        | 21 9h         | SW—ENE (Ci,CiCu)      |
| 3 10h                                  | E (Ci)                 | 18h           | SW—ENE (SCu)          |
| 12h—13h                                | E—W (Ci,CiS)           | 22 22h        | SSW—NNE (Ci)          |
| 16h                                    | E—W (CiS)              | 23 9h         | NNE (CiS)             |
| 6 10h                                  | E—W (Ci)               | 24 20h        | N (CiS)               |
| 16h                                    | E (Ci,CiS)             | 21h           | NNW (CiS); SSE (CiCu) |
| 8 10h                                  | E—W (Ci)               | 25 19h        | NW—SE (CiCu)          |
| 11 16h                                 | SW (CiS)               | 30 21h        | NE—SSW (CiCu)         |
| 17 10h                                 | NNW—SSE (Ci)           | 22h           | NNE—SSW (Ci)          |
| 16h                                    | NNW—SE (Ci)            | Juli          |                       |
| 18 10h                                 | NNW—SSE (Ci,CiS)       | 12 7h         | W (Ci)                |
| 21 19h                                 | N (AS)                 | 19h           | E (Ci)                |
| 28 13h—16h                             | N—S (Ci)               | 21h           | E (Ci,CiCu)           |
| 30 10h                                 | E—W (Ci)               | 13 21h        | WNW (CiS)             |
| 16h                                    | ENE—WSW (Ci)           | 20 10h        | N (Ci)                |
| April                                  |                        | 22h           | WNW—ESE (ACu)         |
| 7 10h                                  | ESE—WNW (Ci)           | August        |                       |
| 13 7h                                  | SSE (Ci)               | 10 22h        | SE—NW (Ci)            |
| 13h                                    | N—S (Ci)               | 11 7h         | W—ENE (Ci)            |
| 21 7h—10h                              | E—W (CiCu)             | 16 21h        | NNE (Ci)              |
| 23 17h                                 | SE—NW (Ci)             | 21 10h        | NW—SE (CiS)           |
| Mai                                    |                        | 17h           | NNW—SSE (St)          |
| 1 10h                                  | ESE—WNW (CiS)          | 21h           | NNW—SSE (ACu)         |
| 2 7h                                   | SW—NE (Ci)             | 25 7h         | E—WSW (St)            |
| 16h                                    | SE—NW (Ci)             | 29 10h        | WNW (Ci,CiCu)         |
| 5 10h                                  | E—W (CiCu)             | September     |                       |
| 9 7h                                   | NW—SSE (Ci)            | 6 10h         | NNE—SSW (Ci)          |
| 15 7h                                  | N (Ci)                 | 9 7h          | NW—SE (Ci,CiCu)       |
| 10h                                    | N—S (Ci)               | 13h           | E (CiS)               |
| 17 6h                                  | N (CiS)                | 16h           | E—W (St)              |
| 18 6h                                  | N (CiS)                | 10 19h        | WNW (Ci)              |
| 19 6h                                  | N (Ci)                 | 16 16h        | WNW—ESE (ACu,SCu)     |
| 22 7h                                  | NW (CiS)               | 19 19h        | W (SCu)               |
| 27 8h                                  | SE—NNW (CiS)           | 23 13h        | NNW (CiCu)            |
| 28 21h                                 | NE (AS)                | 16h—19h       | N (CiCu)              |
| Juni                                   |                        | Oktober       |                       |
| 7 7h                                   | NE—SW (Ci)             | 2 13h         | WNW—E (Ci,CiS)        |
| 22h                                    | NNE—SSW (St)           | 14 13h        | NNE—SSW (Ci)          |

## 2. Pilwede siht ja kiirus, Finemani nefoskoobiga mõõdetud.

Richtung und Winkelgeschwindigkeit der Wolken, beobachtet vermittelst des Finemanschen Nephoskops.

| Kuupäew<br>Datum | Tund<br>Stunde | Pilwetust<br>Bewölkung | Pilwe liik<br>Form der Wolke | Siht<br>Richtung | Nurga-<br>kiirus<br>150/sek.<br>Winkel-<br>geschw. | Tuul torni peal<br>Wind auf dem Turme |                           |
|------------------|----------------|------------------------|------------------------------|------------------|--|---------------------------------------|---------------------------|
|                  |                |                        |                              |                  |  | Siht<br>Richtung                      | Kiirus<br>Geschw.<br>m/s. |
| 24 III.          | 7h             | ⊙ 8 SCu                | SCu                          | N 35 W           | 12   | NW                                    | 4.7                       |
|                  | 10h            | ⊙ 6 FrCu               | FrCu                         | N 40 W           | 20   | NNW                                   | 4.8                       |
| 25               | 13h            | ⊙ 3 Ci, Cu             | Cu                           | N                | 10   | NW                                    | 4.7                       |
| 26               | 10h            | ⊙ 6 Cu, FrCu           | Cu                           | N 28 W           | —  | NW                                    | 5.6                       |
| 29 IV.           | 7h             | ⊙ 9 SCu                | SCu                          | N 50 W           | 18   | WNW                                   | 3.2                       |
| 7 V.             | 16h            | ⊙ 4 Cu                 | Cu                           | N 50 E           | 17   | ENE                                   | 6.6                       |
| 16               | 10h            | ⊙ 8 ACu                | ACu                          | W                | 60   | WSW                                   | 4.7                       |
| 22               | 9h             | 9 ACu                  | ACu                          | WNW              | 70   | WSW                                   | 3.1                       |
|                  | 19h            | ⊙ 9 SCu, ACu           | SCu                          | N 40 W           | 35   | W                                     | 4.0                       |
| 23               | 7h             | ⊙ 5 ACu, FrCu          | FrCu                         | N 22 W           | 9  | NW                                    | 5.4                       |
|                  | 10h            | ⊙ 2 FrCu               | FrCu                         | N 10 W           | 24   | NNW                                   | 6.7                       |
|                  | 16h            | ⊙ 8 Cu                 | Cu                           | N 45 W           | 55   | NNW                                   | 3.9                       |
| 25               | 9h             | ⊙ 8 Cu                 | Cu                           | N 56 E           | 25   | ENE                                   | 3.6                       |
| 27               | 16h            | 7 Cu                   | Cu                           | N 20 W           | 40   | NE                                    | 4.9                       |
| 28               | 7h 45m         | 7 Cu                   | Cu                           | N 5 E            | 30   | NE                                    | 4.2                       |
|                  | 13h            | 5 Cu                   | Cu                           | N 30 W           | 40   | NE                                    | 3.6                       |
| 29               | 16h            | 7 Cu                   | Cu                           | NW               | 40   | NW                                    | 1.6                       |
| 6 VI.            | 11h            | 8 ACu                  | ACu                          | N 15 W           | 30   | NNE                                   | 3.8                       |
|                  | 16h            | ⊙ 3 Cu                 | Cu                           | N 15 W           | 30   | NE                                    | 3.0                       |
| 11               | 13h            | ⊙ 9 Cu                 | Cu                           | N 30 W           | 53   | NW                                    | 4.2                       |
| 12               | 13h            | ⊙ 7 Cu                 | Cu                           | N 45 W           | 90   | W                                     | 2.9                       |
| 24               | 22h            | 7 CiS                  | CiS                          | N 15 W           | —  | S                                     | 1.3                       |
| 11 VII.          | 13h            | ⊙ 4 Cu                 | Cu                           | N 55 W           | 55   | NNW                                   | 2.6                       |
| 13               | 13h            | 7 Cu                   | Cu                           | N 68 W           | 36   | W                                     | 4.2                       |
| 6 VIII.          | 10h            | ⊙ 4 Cu                 | Cu                           | N 10 E           | 25   | NNE                                   | 2.5                       |
| 12               | 10h            | ⊙ 2 FrCu, Ci           | FrCu                         | N 55 E           | 30   | NE                                    | 5.5                       |
|                  | 13h            | ⊙ 2 FrCu               | FrCu                         | N 12 E           | 40   | NE                                    | 3.8                       |
| 16               | 7h 15m         | 9 FrCu                 | FrCu                         | S 65 W           | 10   | WSW                                   | 4.9                       |
| 23               | 16h            | 9 Cu                   | Cu                           | W                | 30   | SSW                                   | 3.7                       |
|                  | 19h            | 9 CuNb, FrCu           | FrCu                         | S 80 W           | 12   | WSW                                   | 7.2                       |
| 26               | 10h            | ⊙ 8 Cu                 | Cu                           | W                | 30   | W                                     | 2.5                       |
| 27               | 13h            | ⊙ 5 Cu                 | Cu                           | W                | 30   | WSW                                   | 2.6                       |
| 29               | 13h            | ⊙ 5 Cu                 | Cu                           | W                | 45   | W                                     | 2.9                       |
| 30               | 10h            | ⊙ 6 Cu                 | Cu                           | N 45 W           | 20   | NW                                    | 2.3                       |
| 4 IX.            | 10h            | ⊙ 4 FrCu, CiS          | FrCu                         | SSW              | 21   | SSW                                   | 3.3                       |
| 5                | 13h            | 7 Cu, CiCu             | Cu                           | N 80 W           | 33   | WNW                                   | 5.4                       |
| 7                | 10h            | ⊙ 4 Cu                 | Cu                           | N 45 W           | 24   | WNW                                   | 4.9                       |
| 22               | 10h            | ⊙ 8 Cu                 | Cu                           | W                | 18   | W                                     | 6.0                       |
|                  | 13h            | ⊙ 7 Cu                 | Cu                           | W                | 27   | W                                     | 6.0                       |
| 28               | 16h            | 5 Cu                   | Cu                           | W                | 20   | WSW                                   | 4.0                       |
| 29               | 10h            | ⊙ 8 Cu                 | Cu                           | SW               | 12   | SW                                    | 5.6                       |
| 6 X              | 10h            | ⊙ 7 FrCu               | FrCu                         | S 45 W           | 10   | SW                                    | 6.0                       |
| -8               | 10h            | ⊙ 8 ACu                | ACu                          | S 40 W           | 27   | S                                     | 4.2                       |

## Tähendused 1918 aasta kohta.

Sõjaoludega ühenduses tekkinud riiklise korra muudatus ei jäänud ka Ilmade Obserwatooriumi peale ilma mõjuta. 24. weebruaril okkupeeriti Tartu linn Saksa sõjawäe läbi, mille tagajärjel Wene ülikool likwideeritud sai. Instituudi austatud juhataja prof. B. Sresnewski lahkus oma peaaegu 25-aastase kasutoowa teadusliku tegevuse kohalt ja sõitis Woroneshi. Ka sennised waatlejad, üliõpilane A. Rafael ja leitnant J. Peshkow, reisisid märtsi kuus oma kodupaikadesse, kuna juba jaanuari kuus alamohwitsers Jastrebow ja wabatahtlik parun W. Stackelberg, kes waatlemistest ka osa olid wõtnud, Ilmade Obserwatooriumi teenistusest olid lahkunud. Ainult W. Kurriku priitahtliku ning tasuta kaastöö läbi, kes ka juba warem Meteoroloogia Institudi kaastöötaja oli olnud, ja preili N. Sresnewski läbi oli mul võimalik waatlemisi ilma waheajata jätkata. Sõjawõimude nõudmisel pidid õhukongide lennud seisma jääma, ning ka abijaamade tegewus lõppis, sest et Maarjamõisas ja Thomas endised waatlejad oma tegewuse koha olid maha jätnud ja et Oudowaga enam läbikäimise võimalust ei olnud. Suwel sai Obserwatoorium Saksa ülikooli organiseerimise puhul sissetulekut, ning hra Kurrik ja prl. Sresnewski pandi waatleja ametisse. Sõjawäe Ülemkomando poolt anti Obserwatooriumi juhatus prof. A. Wegeneri hoolde, kes oktoobri hakatuses ametisse astus, kuid juba nowembri lõpul äraminewa okkupatsiooniwäega Tartust lahkus. Okkupatsioonivalitsuse asemele astunud E. Ajutine Walitsus wõttis Ilmade Obserwatooriumi ülewalpidamise oma peale ja andis tema ajutise juhatuse minu hooldeks. Linna enamlaste walitsuse alla langemine 15. detsembril ei katkestanud waatlemisi. — Waatlemiste kord ning nende väljarehkendamise wiis jääwad kogu 1918 aastas endisteks.

Tartu keskmise aja järele käiw Obserwatooriumi seinakell, mille järele korralised waatlemised toime pandi, sai iga nädal Tartu tähetorni normaal-kellaga wõrreldud ning selle järele reguleeritud, kus juures wahe mitte üle  $\pm 30$  sekundi ei tõusnud.

Õhurõhumine mõõdeti baromeetri Schultze Nr. 2 järele, mille alatine instrumentaal-korrektsoon 0.53 mm oli. Temperatuurikorrektsoon tehti baromeetri küljes rippuwa termomeetri järele, mille oma korrektsoonid alla  $0^{\circ}.05$  olid ja nende väiksuse tõttu mitte arwesse ei wõetud. Kontroleerimiseks loeti kõigil täht-aegadel ära: kuni 27. jaanuarini kausi-süsteemi baromeeter Müller Nr. 1649 ja sest ajast kunni aasta lõpuni samasugune instrument Nr. 1000. Kõikide baromeetri-äralugemistele arwati raskuse-korrektsoonina 0.9 mm. juure.

Õhurõhumise interpolatsioon nende tundide jaoks, mis kindlate äralugemiste-tähtaegade wahel on, toimetati Meteoroloogia kabinetis ülesseatud elawhõbe-barograafi Richard Nr. 11558 järele,

mille juures registreerimise lindi peal iga kolme tunni järele kellawärk automaatselt ajakriipsu tegi. Barograafi absoluutne kõrgus oli 47.02 meetrit. Obserwatooriumis töötas weel aneroid-barograaf Richard Nr. 9939, mille ülestähendused ei saanud läbitöötatud.

Temperatuuri-mõõtmisi pandi toime Assmanni aspiratsioon-psyhromeetri Müller Nr. 208 järele, termomeetritega 14860 (kuiw) ja 14860\* (märg), mis ühte rauda pidi torni põhja-aknast väljalükati 3.65 m. kauguseni majast, ja läbi väikse piksilma waadeldi. 27. jaanuaril sai selle instrumendi asemel, mis ärasõitwa XII wene armee staabi meteoroloogia osakonna omandus oli, Assmanni aspiratsioon-psyhromeeter Fuess Nr. 139, milles termomeetrid Nr. 3105 (kuiw) ja 3099 (märg) olid, tarwitusele wõetud. Soojal aasta ajal, 25. aprillist kunni 12. nowembrini, olid nende termomeetrite asemele wõetud termomeetrid Nr. 656 (kuiw) ja 3055 (märg). Termomeetrite korrektsioonid, mis nende väiksuse pärast mitte arwesse ei saanud wõtta, olid:

|            | -21°                    | -11°  | 0°    | 10°   | 20°   | 30°   | 40°  |
|------------|-------------------------|-------|-------|-------|-------|-------|------|
| Nr. 3105   | 0°00                    | -0°02 | -0°04 | 0°00  | —     | —     | —    |
| Nr. 3099   | -0°02                   | 0°02  | 0°00  | 0°00  | —     | —     | —    |
| Nr. 656    | —                       | —     | 0°03  | -0°03 | -0°05 | -0°03 | —    |
| Nr. 3055   | 0°00                    | 0°00  | -0°04 | -0°04 | -0°02 | 0°00  | 0°02 |
| Nr. 14860  | } ilma korrektsioonita. |       |       |       |       |       |      |
| Nr. 14860* |                         |       |       |       |       |       |      |

21. maist kell 13 kunni 22. maini kell 7 pidid termomeetrid ilma ventilatsioonita äraloetud saama, sest et ventilatsiooni wedru katki oli läinud ning alles järgmisel päewal uuendatud sai.

Äärmised temperatuurid mõõdeti maksimum - termomeetri Nr. 5922 järele, mis ilma korrektsioonita oli, ja minimum-termomeetri Nr. 5567 järele, mille korrektsioonid olid:

|       |      |       |      |
|-------|------|-------|------|
| -20°0 | kuni | -12°0 | -0°1 |
| -11°9 | "    | + 3°8 | 0°0  |
| + 3°9 | "    | +14°0 | -0°1 |
| +14°1 | "    | +20°0 | -0°2 |

Temperatuuri interpolatsioon waatlemise-terminite wahel olewate täht-aegade jaoks toimetati suure termograafi Richard Nr. 26270 järele, mis katusepealses Wild'i putkas ülesseatud oli.

Õhu niiskus sai, nagu ennegi, temperatuuride juures, mis üle 0° olid, Assmanni aspiratsiooni-psyhromeetri abil mõõdetud; seda wiisi saadud resultaadid wõrreldi putkas ülesseatud hygromeetriga. Nendest wõrdlustest leiti ühesuguste sageduste printsiibi järele korrektsioonid, (lehek. 79), millede abil külma ajal hygromeetri näitamise järele relatiivne niiskus välja rehkendati ning wiimase ning õhu temperatuuri järele ka absoluutne niiskus ja täisniiskuse puudus. Hygromeetrina oli kunni 1. septembrini tarwitusel Mülleri aparaat Nr. 22259 ja sellest ajast kunni aasta lõpuni Г. Ф. О. samasugune aparaat Nr. 317. Wiimasesse hygromeetrisse oli 14 augustil uus juus sisse pandud.

Kogu aasta said igatahes kõikidel täht-aegadel mõlemad aparaadid äraloetud.

Relatiivse niiskuse interpolatsioon sündis hygrograafi Richard Nr. 8814 järele.

Tuule kiirus sai mõõdetud anemograafi Oettingen-Schultze Nr. 4 abil, formeli järele:

$$V = 0.40 + 0.075 n \text{ (tuulekiiruse jaoks) ja}$$

$$V_k = 0.51 \frac{k}{\sigma} + 0.075 k \text{ (osatuulte jaoks).}$$

Siin tähendavad  $V$  tuule kiirust ja  $V_k$  üksikute osatuulte kiirust — meetrites sekundis,  $n$  ja  $k$  rataste kontaktide arvu ja  $\sigma$  kõikide kontaktide summat 3 tunni jooksul,  $1\frac{1}{2}$  tundi enne tähtaega ning  $1\frac{1}{2}$  tundi pääle selle. Erakorralised väiksemad registratsiooni wahelejäämised 25. weebruaril ja 23.—26. aprillil said täiendatud Fuessi taskuanemomeetri otsekoheste äralugemiste abil. 23.—26. aprillil sai aparaat puhastatud ja komponendid nagu endistel aastatelgi reguleeritud.

Augusti kuus sai Obserwatooriumis veel teine, samasugune anemograaf Nr. 1 üles seatud; kuid tema ei olnud enamasti mitte tegewuses, et akkumulaatorite energiat kokkuhoida.

Auramine mõõdeti kaalu-evaporomeetri Г. Ф. О. Nr. 3 abil, mis putkas katuse peal, 8.8 meetrilises kõrguses maapinnast ülesseatud oli; tema näitamisi tarwitati enamasti ainult skaala 100 ja 170 wahe peal, kus aparaadi täpipsuus suurem oli.

Sademed mõõdeti katuse peal, maapinnast 11.3 meetri kõrgusel ülesseatud wihmamõõtja anuma abil, millel Niifer'i wari oli.

Lumesügawus mõõdeti Maarjamõisa põllul ülesseatud mõõdupuu järele.

Emajõe weepinna kõrgus loeti ära mõõdupuu järele kiwisilla kõrwal, mille nullpunkt merepinnast 29.51 meetrit kõrge oli.

Pilwede waatlemisi toimetati korralikult 7 korda päewas; osalt tehti ka korraliste täht-aegade wahel Finemani nefoskoobiga pilwede nurga-kiiruse mõõtmisi.

Päiksepaiste kestvus registreeriti Welitshko helio-graafi Nr. 8355 abil, mis Obserwatooriumi torni ülemisel platvormil, maapinnast 18.25 meetri kõrgusel, ülesseatud oli. Lehek. 78 äratrükitud päiksepaiste kestwuse arwed protsentides on saadud registreeritud kestwuse jagamise kaudu väljarehkendatud päewa pikkusele, kus juures aga korrektsioon selle aja eest, mil päike horisondist kõrgem on, aga ilma paberil jälgi järele jätmata, mitte juure lisatud ei ole. Endiste aastate katsed, niisugust korrektsiooni kõikide aastaaegade jaoks leida, näitasid, et tema muutub silmapiiri katwate puude pikkusega ning nende lehtede seisu-korraga.

K. Koch.



## Bemerkungen zum Jahrgang 1918.

Die im Zusammenhang mit den Kriegsereignissen stehenden Veränderungen der staatlichen Verhältnisse des Landes übten auch auf das Observatorium ihre Rückwirkung aus. Am 24. Februar erfolgte die Besetzung Dorpats durch deutsche Okkupationstruppen und zog die Auflösung der russischen Universität nach sich. Der hochverehrte Direktor des Instituts Prof. B. Sresnewsky verliess den Ort seiner fast 25-jährigen fruchtbringenden Wirksamkeit und siedelte nach Woronesh über. Auch die bisherigen Beobachter, stud. A. Raphael und Leutnant J. Peschkow, reisten im März in ihre Heimat ab, nachdem bereits im Januar Unteroffizier Jastrebow und Freiwilliger W. Baron Stackelberg, die sich an den Beobachtungen beteiligt hatten, ausgeschieden waren. Nur dank der freiwilligen unentgeltlichen Mitarbeit von Herrn W. Kurrik, der bereits früher am Institut tätig gewesen war, und Frl. N. Sresnewky war es mir möglich, die Beobachtungen lückenlos fortzusetzen. Eingestellt werden mussten auf Verlangen der Militärbehörden die Ballonaufstiege, auch hörte die Arbeit an den Filialstationen auf, da in Marienhof und Thoma die Beobachter den Ort ihrer Tätigkeit verlassen hatten, und mit Gdow der Verkehr unterbrochen war. Im Sommer erhielt das Observatorium bei der Organisation der deutschen Universität Mittel angewiesen, und Herr Kurrik und Frl. Sresnewsky konnten als Beobachter angestellt werden. Vom Oberkommando wurde mit einem Lehrauftrag die Leitung des Instituts Herrn Prof. A. Wegener übertragen, der seine Tätigkeit Anfang Oktober antrat, jedoch schon Ende November mit den zurückgehenden Okkupationstruppen Dorpat wieder verliess. Die an die Stelle der Okkupationsgewalt tretende temporäre Regierung Estiens übernahm die Erhaltung des Instituts und übertrug mir die zeitweilige Leitung. Die Besetzung der Stadt durch die Maximalisten am 15. Dezember hatte keine Unterbrechung der Beobachtungen zur Folge. Die Beobachtungen und ihre Bearbeitung blieben im Laufe des Berichtsjahres dieselben, wie in den vorhergehenden Jahren des laufenden Lustrums.

Die die Lokalzeit anzeigende Wanduhr des Observatoriums, nach der die Beobachtungen angestellt wurden, wurde wöchentlich mit der Normaluhr der Sternwarte verglichen und um den Betrag der Korrektion reguliert. Die Korrektionen überstiegen nicht den Wert von  $\pm 30$  sec.

Der Luftdruck wurde am Barometer Schultze Nr. 2 abgelesen, dessen Instrumentalkorrektion 0.53 mm. betrug. Die Temperaturkorrektion wurde nach den Angaben eines angehängten Thermometers angebracht, dessen Korrektionen unter  $0^{\circ}05$  lagen und ihrer Geringfügigkeit wegen nicht angebracht wurden. Als

Kontrolle wurde zu allen Terminen bis zum 27. Januar das Gefäßbarometer Müller Nr. 1649 und von dann an bis zum Schluss des Jahres ein gleiches Instrument Nr. 1000 abgelesen. An alle Barometerablesungen wurde die Schwerekorrektion im Betrage von 0.9 mm. angebracht.

Die Interpolation des Luftdrucks für die Stunden zwischen den direkten Beobachtungen erfolgte nach dem im meteorologischen Kabinet aufgestellten Quecksilberbarografen Richard Nr. 11558, der mit einer Vorrichtung zur Anbringung von Zeitmarken alle 3 Stunden durch eine Uhr versehen war. Die absolute Höhe seines Nullpunktes betrug 47.02 Meter. Im Observatorium funktionierte ferner der Aneroid-Barograf Richard Nr. 9939, dessen Daten nicht bearbeitet wurden.

Die Temperaturbeobachtung erfolgte mittelst des Assmannschen Aspirationspsychrometers der Firma Müller Nr. 208 mit den Thermometern Nr. 14860 (trocken) und Nr. 14860\* (feucht), das längs einer Schiene aus dem Nordfenster des Turmes auf eine Entfernung von 3.65 Meter vom Gebäude hinausgeschoben und durch ein Fernrohr abgelesen wurde. Am 27. Januar wurde das der abziehenden meteorologischen Abteilung beim Stabe der XII russischen Armee gehörige Instrument durch das Assmannsche Aspirationspsychrometer der Firma Fuess Nr. 139 mit den Thermometern Nr. 3105 (trocken) und Nr. 3099 (feucht) ersetzt. Für die warme Jahreszeit vom 25. April bis zum 12. November wurden statt der erwähnten die Thermometer Nr. 656 (trocken) und Nr. 3055 (feucht) in Gebrauch genommen. Die Korrekturen der Thermometer, die ihrer Geringfügigkeit wegen nicht angebracht wurden, betrugen

| bei        | -21°               | -11°  | 0°    | 10°   | 20°   | 30°   | 40°  |
|------------|--------------------|-------|-------|-------|-------|-------|------|
| Nr. 3105   | 0°00               | -0°02 | -0°04 | 0°00  | —     | —     | —    |
| Nr. 3099   | -0°02              | 0°02  | 0°00  | 0°00  | —     | —     | —    |
| Nr. 656    | —                  | —     | 0°03  | -0°03 | -0°05 | -0°03 | —    |
| Nr. 3055   | 0°00               | 0°00  | -0°04 | -0°04 | -0°02 | 0°00  | 0°02 |
| Nr. 14860  | } ohne Korrektion. |       |       |       |       |       |      |
| Nr. 14860* |                    |       |       |       |       |       |      |

Vom 21. Mai 13<sup>h</sup> bis zum 22. Mai 7<sup>h</sup> mussten die Thermometer ohne Ventilation abgelesen werden, da die Ventilatorfeder gesprungen war und erst am nächsten Tage durch eine neue ersetzt werden konnte.

Die Extreme der Temperatur wurden mittelst des Maximalthermometers Nr. 5922, das ohne Korrektion war, und des Minimalthermometers Nr. 5567 gemessen; letzteres hatte folgende Korrekturen

|                     |      |
|---------------------|------|
| von -20°0 bis -12°0 | -0°1 |
| „ -11°9 „ + 3°8     | 0°0  |
| „ + 3°9 „ +14°0     | -0°1 |
| „ +14°1 „ +20°0     | -0°2 |

Die Interpolation der Temperatur für die zwischen den unmittelbaren Beobachtungen liegenden Termine erfolgte nach der Registrierung des grossen Thermographen Richard Nr. 26270, der in der Hütte auf dem Dache aufgestellt war.

Die Luftfeuchtigkeit wurde, wie bisher, bei Temperaturen über Null Grad mit Hilfe des Assmannschen Aspirationspsychrometers bestimmt und die so erhaltene relative Feuchtigkeit mit den Daten des in der Hütte aufgestellten Haarhygrometers verglichen. Aus diesen Vergleichen wurden nach dem Prinzip der gleichen Häufigkeiten die Korrekturen (v. pg. 79) gefunden, mittelst derer bei Frost nach den Daten des Haarhygrometers die relative Feuchtigkeit, und aus letzterer und der Lufttemperatur auch die absolute und die kompletive Feuchtigkeit berechnet wurden. Als Haarhygrometer dienten bis zum 1. September der Apparat der Firma Müller Nr. 22259 und von dann an bis zum Schluss des Jahres ein gleicher Apparat F. O. Nr. 317. In letzterem Hygrometer war am 14. August das Haar durch ein neues ersetzt worden. Zu allen Terminen wurden übrigens vom Beginn des Jahres an beide Instrumente abgelesen.

Die Interpolation der relativen Feuchtigkeit erfolgte nach den Daten des Hygrographen Richard Nr. 8814.

Die Windgeschwindigkeit wurde mittelst des Anemographen Oettingen-Schultze Nr. 4 gemessen nach den Formeln:

$$V = 0.40 + 0.075 n \quad (\text{für den Integrator}) \text{ und}$$

$$V_k = 0.51 \frac{k}{\sigma} + 0.075 k \quad (n, \text{ die Komponenten}),$$

Hier bedeuten  $V$  die Geschwindigkeit des Windes und  $V_k$  die der einzelnen Komponenten in Metern in der Sekunde, ferner  $n$  und  $k$  die Anzahl der Kontakte und  $\sigma$  die Summe der Kontakte aller Komponenten in 3 Stunden,  $1\frac{1}{2}$  Stunden vor dem Termin bis  $1\frac{1}{2}$  Stunden nach demselben. Unbedeutende Lücken in der Registrierung am 25. Februar und in der Zeit vom 23. bis 26. April konnten durch direkte Beobachtungen mittelst eines Fuess'schen Taschenanemometers ausgefüllt werden. In letzterem Zeitraum wurde der Apparat gereinigt und die Komponenten nach dem Beispiel der vorhergehenden Jahre justiert.

Im August wurde ein gleicher Apparat Nr. 1 wieder im Observatorium aufgestellt, doch war er meist nicht in Tätigkeit, um die Akkumulatoren zu schonen.

Die Verdunstung wurde mittelst des Evaporometers F. O. Nr. 3 beobachtet, das in der Hütte auf dem Dache in einer Höhe von 8.8 Metern über dem Erdboden aufgestellt war. Seine Ablesungen wurden nach Möglichkeit zwischen den Teilungen 100 und 170 gehalten, wo sie genügend genau waren.

Die Niederschläge wurden mit einem auf dem Dache in einer Höhe von 11.3 Metern über dem Erdboden aufgestellten, mit einer Schutzvorrichtung nach Nipher versehenen Regenmesser beobachtet.

Die Schneehöhe wurde auf freiem Felde in der Nähe des Gutes Marienhof an einem transportablen Masstab abgelesen.

Der Embachstand wurde an dem an der Steinbrücke angebrachten Pegel abgelesen, dessen Nullpunkt einer absoluten Höhe von 29.51 Metern entsprach.

Wolkenbeobachtungen wurden regelmässig 7 mal täglich angestellt; teilweise auch in der Zeit zwischen den Beobachtungsterminen fanden einige Bestimmungen der Winkelgeschwindigkeit mittelst des Finemanschen Nephoscops statt.

Die Sonnenscheindauer wurde durch den Heliographen Welitschko Nr. 8355 registriert, der auf der Plattform des Turmes in einer Höhe von 18.25 Metern über dem Erdboden aufgestellt war. Die pg. 78 angeführten Daten der Sonnenscheindauer in Prozenten sind durch Division der registrierten durch die astronomisch mögliche Dauer gefunden, wobei an letzterer, wie auch bisher, eine Korrektion für die Zeit, während der die Sonne über dem Horizont steht, ohne jedoch auf dem lichtempfindlichen Papier eine Spur zu hinterlassen, nicht angebracht ist. Versuche früherer Jahre, eine solche Korrektion für die verschiedenen Jahreszeiten zu bestimmen, ergaben, dass sich dieselbe in Abhängigkeit vom Heranwachsen der Bäume in den benachbarten Gärten und vom Eintritt ihrer Belaubung ändert.

K. Koch.

